

# Forest and Tree Inventory 2005-2006

**Department of Forest Management and Development, Forest Conservation  
Institute (Departamento de Manejo y Desarrollo Forestal, Instituto de  
Conservación Forestal)**

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## Identification

### SURVEY ID NUMBER

HND\_2005-2006\_ENF\_v01\_M\_v01\_A\_ESS

### TITLE

Forest and Tree Inventory 2005-2006

### COUNTRY/ECONOMY

Name	Country code
Honduras	HND

### ABSTRACT

The National Forestry Assessment process has created a methodology and a baseline that contributes to the organization and generation of strategic information. The objective of the National Forestry Assessment is to establish a system for evaluating forests at the national level to generate information that supports sustainable forest management with the following features:

- A. For the first time, an information survey is proposed with a multipurpose and integrated focus that improves the quality and quantity of information.
- B. Forests are considered within a mosaic of other productive uses, allowing their integration into the territorial planning and improving sustainable forest management.
- C. Considers measuring trees outside the forest, as of paramount importance for the planning of agroforestry systems.
- D. Gives values of the criteria and indicators for the evaluation of the implementation of forest policies and laws.
- E. Inventory data can be used to update forest cover and current land use maps, potential use capacity maps, land use conflict, socioeconomic maps, etc.
- F. It allows the formulation of economic and geographical projections and models of the whole country.

The field data collection was carried out using a multidisciplinary and comprehensive methodology, in which the information was analyzed to assess:

- i) the dynamics of the agricultural frontier;
- ii) the sustainable management of natural forests;
- iii) the strengthening of forest productivity;
- iv) the promotion of investment and management of plantations and agroforestry systems;
- v) the integration of environmental services into sustainable forest management;
- vi) the conservation of biodiversity in forest ecosystems; and
- vii) the economic contribution of forests to society.

### KIND OF DATA

Sample survey data [ssd]

### UNIT OF ANALYSIS

Fields/plots

## Scope

### NOTES

The main criteria defined for the NFI drive its scope. These are:

1. Forest cover and areas outside forest
2. Productive functions of forest ecosystems
3. Health and vitality of forests and non-tree ecosystems
4. Status of forest plantations and agroforestry systems
5. Maintenance and enhancement of the multiple social, economic and cultural benefits of forest ecosystems
6. Contribution of forest ecosystems to environmental services
7. Biological diversity of forest ecosystems

For each, indicators were defined associated with the measured variables.

## TOPICS

Topic
Biomass Stock Measurement
Non-Timber Forest Products
Biodiversity

## KEYWORDS

Keyword
Forest
Carbon
Tree Biomass
Tree Volume
Deadwood
Land Use
Canopy Cover
Tree Biodiversity
Forest Production
Land Cover
Forest Fire Evidence
Non-Timber Forest Products
Forest Pests

## Coverage

## GEOGRAPHIC COVERAGE

National coverage

## UNIVERSE

Tree population throughout the country, inside and outside the forests.

## Producers and sponsors

## PRIMARY INVESTIGATORS

Name	Affiliation
Department of Forest Management and Development, Forest Conservation Institute (Departamento de Manejo y Desarrollo Forestal, Instituto de Conservación Forestal)	Forest Conservation Institute (ICF, Instituto de Conservación Forestal) - Rio Platano Biosphere Reserve Project (Proyecto Reserva de la Biosfera Rio Platano)

## PRODUCERS

Name	Abbreviation	Affiliation	Role
Food and Agriculture Organization of the United Nations	FAO	United Nations	
United States Forest Service	USFS		Contribution: Rio Platano Biosphere Reserve Project (Proyecto Reserva de la Biosfera Rio Platano)

State Forestry Administration-Honduran Forestry Development Corporation (Administración Forestal del Estado-Corporación Hondureña de Desarrollo Forestal)			Contribution: Forest Conservation Institute (ICF, Instituto de Conservación Forestal) - Rio Platano Biosphere Reserve Project (Proyecto Reserva de la Biosfera Rio Platano)
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## FUNDING AGENCY/SPONSOR

Name	Abbreviation
Food and Agriculture Organization of the United Nations	FAO
United States Forest Service	USFS
State Forestry Administration-Honduran Forestry Development Corporation (Administración Forestal del Estado-Corporación Hondureña de Desarrollo Forestal)	

## Sampling

### SAMPLING PROCEDURE

The NFI involves the collection of biophysical, socioeconomic, and environmental data from forests and non-forest areas. Across the total area of the country (112 490 km<sup>2</sup>), a systematic grid of 339 primary sampling units was traced every 10 minutes in latitude and 10 minutes in longitude, and primary sampling units were distributed in a chessboard pattern.

The statistical design was a systematic cluster sampling, non-stratified (probability proportional to size). Each primary sampling unit (cluster) was composed of four secondary sampling units (plots), following FAO's National Forest Monitoring and Assessment (NFMA) plot design system (see attached document "Resultados del Inventario Nacional de Bosques y Árboles 2005-2006"). Plots were rectangular (20 x 250 m in shape, corresponding to 0.5 ha), distributed along the sides of a 500 x 500 m square. The first plot was located in the southwest corner with northwards direction. The second was in the northwest corner with an eastward direction. The two remaining plots were in the northeast and southeast corner following southward and westward directions, respectively.

Each plot had a nested structure with three types of subplots and three measuring points systematically distributed, where each subplot size configuration depended on the resource to measure. In the whole plot, all trees greater than or equal to 20 cm Diameter at Breast Height (DBH) or those greater than or equal to 10 cm DBH were measured whether they were in forest or in non-forest, respectively. The first nested subplots (10 x 20 m: 200 m<sup>2</sup>) were used to measure, only if the land use was forest, trees with DBH greater than or equal to 10 cm and lower than 20 cm. The second level subplots were circular (radius = 3.99 m: 50 m<sup>2</sup>) and measured trees, only in forest, with DBH lower than 10 cm and total height greater than or equal to 1.3 m. Finally there were 3 soil and litter measuring locations, both in forest and non-forest in 0.5 x 0.5 m squares. Three line intercept transects per Secondary Sampling Unit (SSU) for dead wood greater than or equal to 10 cm and 3 for deadwood lower than 10 cm in diameter had lengths of 20 m and 10 each, respectively.

### DEVIATIONS FROM THE SAMPLE DESIGN

Missing data resulted primarily from elevated costs and access constraints.

### RESPONSE RATE

Originally a systematic square grid with 339 PSUs had been envisioned. However, because of budget constraints, the grid was halved in intensity, totaling 170 PSUs. Out of the original 170 PSUs designed to be sampled, 156 were finally selected. 13 PSUs in the area of the Reserva Nacional del Río Plátano (RBRP) and Río Patuca and one outside were not enumerated due to elevated costs in the first case and lack of access permissions. However, 25 more were added later to cover a total of 181 PSUs. First, two PSUs in the Rio Platano area that belonged to the grid of 170 PSUs were substituted for another two from the more intense, grid of 339 PSUs located immediately to the west. Then, the other 11 Rio Platano PSUs from the grid of 170 PSUs were finally enumerated, all 13 thanks to extra funds available. Second, the PSU missed initially as it lacked access permission was finally granted a permit. Then, another 11 PSUs belonging to the intense grid of 339 PSUs were added, located mostly in the dense forest areas within Atlántida and Olancho departments. Because of the misalignments between the original 339 and the reduced 170 PSU design and the final number of 181 plots measured, it is difficult to define a robust response rate. Nevertheless, analyses can consider a full response rate with respect to the grid of 170 PSUs (with a likely small bias).

### WEIGHTING

Sample weights were determined according to area expansion factors (with respect to a reference of 2 ha total area per Primary Sampling Unit (PSU)). Each PSU consists of four Secondary Sampling Units (SSUs). Hence they are given as:

- Weight of whole plot land use and measured trees and stumps in forest with DBH greater than or equal to 20 cm or trees and stumps with DBH greater than or equal to 10 cm in areas outside the forest:  $2 \text{ ha}/(0.5 \text{ ha} \times 4 \text{ SSU/PSU}) = 1$
- Weight of trees in forest with DBH between 10 and 20 cm:  $2 \text{ ha}/(0.02 \text{ ha} \times 12 \text{ subplots/PSU}) = 8.33$
- Weight of regeneration, trees with DBH < 10 cm and height greater than 1.3 meters:  $2 \text{ ha}/(0.005 \text{ ha} \times 12 \text{ subplots/PSU}) = 33.33$
- Weight of litter in PSU:  $2 \text{ ha}/(0.000025 \text{ ha} \times 12 \text{ subplots/PSU}) = 6666.67$
- Weight of downed dead wood greater than or equal to 10 cm in diameter: estimated using the line-intersect sampling formula, with 12 transects of 20 m established per PSU.
- Weight of downed dead wood < 10 cm in diameter: estimated using the line-intersect sampling formula, with 12 transects of 10 m established per PSU.

## Data collection

### DATES OF DATA COLLECTION

Start	End
2005-11	2006-05

### DATA COLLECTION MODE

Field Measurement [field]

### DATA COLLECTION NOTES

Several capacity building exercises were done. First, two workshops were developed, with the participation of technical specialists in different disciplines, belonging to public institutions and development projects financed with international funds. In the first workshop, the methodology was presented and the criteria, indicators, variables and verifiers were analyzed, (see "Manual para el Levantamiento de Campo" in attached documentation) that would be evaluated during the execution of the NFI. In the second workshop, the terms and definitions of the Land Use Classification (CUT, Clasificación de Uso de la Tierra) and forest types or classes were reconciled.

Subsequently, five training workshops were planned for national consultants and contracted field supervisors, as well as State Forestry Administration - Honduran Forestry Development Corporation (AFE-COHDEFOR, Administración Forestal del Estado - Corporación Hondureña de Desarrollo Forestal) personnel. A total of 85 people nationwide were trained in the use of the survey methodology, of which 50 are independent technicians, 30 technicians from AFE-COHDEFOR, one municipal technician and four students. 18 technicians also received training in a 3-day workshop on information processing and analysis.

The field technical teams were composed of at least four people: one team leader (responsible forester), one assistant and two operators. At least one of the members was required to have experience for the common identification of the trees. In addition, at least one of the operators had to be from the area, to facilitate the location and request for permits.

Technical personnel of the Technical Unit for National Forest Evaluation (UTENF, Unidad Técnica de Evaluación Nacional Forestal) traveled to various regions of the country to provide field guidance during the first survey of each Sampling Unit (UM, Unidad de Muestreo) to previously selected consultants. This monitoring would serve, in addition to clarifying doubts to the consultants, supervising in general the activities, measurements and data records in the forms, and evaluating their technical criteria, mainly in terms of classification of land use and forest types. Because not all regions and consultants started at the same time, this activity lasted from November 2005 to May 2006, covering a total of 32 Management Units (MUs) (20 percent). In parallel, from December 2005 to July 2006, supervisions were carried out on 17 MUs (10 percent) selected for doubts that arose during the cabinet reviews or randomly chosen to verify the work carried out. In the first case, the information of the parcels that presented bias was verified in the field and in the second the parcels to visit were previously selected in the office. Back at the work headquarters, a report of the tour was prepared specifying the problems encountered, which were communicated to the consultants for their correction.

For the review and approval of the field information received at the central headquarters, the following quality control mechanisms were used:

1. Preparation of a control sheet to record the entry of the information received.
2. Once the information had been registered and considered received, a UTENF technician was responsible for verifying that the data were consistent across the report, the field forms, and the database. Once the information was reviewed, the field forms were scanned in order to have a backup copy in case of loss, since the originals were sent back to the consultants to make the requested corrections.
3. Initially, if the information received presented inconsistencies, the documentation was returned to the consultant for

correction, for the first or second time. As this practice became common, it was decided that, once most of a consultant's MUs had been completed, the consultants would travel to the UTENF headquarters in Tegucigalpa. There, together with the supervisors, they would review and enter all the information into the database to ensure it was fully verified and reliable. After this the information was accepted and filled.

4. Finally, each sampling unit was digitized and geo-referenced, in order to perform geographic analysis.

Further information can be found in the attached field manual in the Downloads section.

## data\_processing

### DATA EDITING

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## data appraisal

### ESTIMATES OF SAMPLING ERROR

All the estimates included the estimation error, which is the limit of the estimator with a confidence level of 95 percent ( $\alpha/2$ ) expressed as a percentage of the mean.

Due to the budget constraints that triggered a halving of the originally planned 339 PSUs, errors in the analysis were high and it was not clear in the results document how the addition and substitution of new 25 sample plots would play a role since these new plots likely impose biases in the design. Data are provided here without responsibility whatsoever on the error estimation procedures developed by the user.

Results considered sampling error at a 95 percent confidence level.

## Access policy

### CONTACTS

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### CONFIDENTIALITY

Due to Honduras' Transparency and Access to Public Information Act (Article 3 #7) and for security reasons and property disputes prominent in the country, all personal and contact information regarding ownership of the land where the survey plots are located is completely anonymized. The users shall not take any action with the purpose of identifying any individual entity (i.e. person, household, enterprise, etc.) in the micro dataset(s). If such a disclosure is made inadvertently, no use will be made of the information, and it will be reported immediately to FAO.

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- Any results derived from the micro dataset will be used solely for reporting aggregated information, and not for any specific individual entities or data subjects;
- The users shall not take any action with the purpose of identifying any individual entity (i.e. person, household, enterprise, etc.) in the micro dataset(s). If such a disclosure is made inadvertently, no use will be made of the information, and it will be reported immediately to FAO;
- The micro dataset cannot be re-disseminated by users or shared with anyone other than the individuals that are granted access to the micro dataset by FAO.

### CITATION REQUIREMENTS

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### DISCLAIMER

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## Metadata production

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### DDI DOCUMENT ID

DDI\_HND\_2005-2006\_ENF\_v01\_M\_v01\_A\_ESS\_FAO

### PRODUCERS

Name	Abbreviation	Affiliation	Role
Statistics Division	ESS	Food and Agriculture Organization of the United Nations	Metadata producer
Development Data Group	DECDG	World Bank Group	Metadata adapted for World Bank Microdata Library

### DDI DOCUMENT VERSION

Identical to a metadata (HND\_2005\_2006\_ENF\_v01\_M\_v01\_A\_ESS) published on FAO microdata repository (<https://microdata.fao.org/index.php/catalog>). Some of the metadata fields have been edited.

**data\_dictionary**

<b>Data file</b>	<b>Cases</b>	<b>variables</b>
aa_forestproduct_1	838	24
aa_landusearea_1	1460	28
aa_landusedescription_1	1423	99
aa_plot_1	724	23
aa_regeneration_1	1303	24
aa_speciesuses_1	1926	23
aa_stump_1	3350	33
aa_topographysoil_1	1802	23
aa_tree_1	23061	58



**Data file: aa\_forestproduct\_1**

Cases: 838

variables: 24

**variables**

ID	Name	Label	Question
V628	fpr_inventorynumber	Número de inventario/Inventory number	
V629	fpr_measurementnumber	Número de medición/Measurement number	
V630	fpr_tractnumber	Número de unidad de muestreo/Tract number	
V631	fpr_plotnumber	Número de parcela/Plot number	
V632	fpr_productnumber	Número de producto/Product number	
V633	fpr_procuuctcode	Código del producto/Product code	
V634	fpr_foresttype	Tipo de bosque de donde se obtuvo el producto/ Forest type where the product was obtained	
V635	fpr_summary	¿Es dato resumen?	
V636	fpr_specie1	Primera especie usada para elaborar el producto	
V637	fpr_specie2	Segunda especie	
V638	fpr_specie3	Tercera especie	
V639	fpr_specie4	Cuarta especie usada	
V640	fpr_specie5	Quinta especie usada	
V641	fpr_measureunit	Unidad de medida del producto	
V642	fpr_unitsbyperson	Cantidad de unidades producidas en un día	
V643	fpr_importance	Código de importancia del producto	
V644	fpr_recolectiontype	Código de la forma de recolección	
V645	fpr_destination	Código del destino del producto	
V646	fpr_trendofdemand	Código de la tendencia de la demanda del producto*	
V647	fpr_trendoffer	Código de la tendencia de la oferta del producto*	
V648	fpr_frequencyofextraction	Código de la frecuencia de extracción*	
V649	fpr_timestamp	Tempo que tomó coleccionar los datos/Time (second) to collect data of the record	
V650	fpr_complete	Está completo el registro?/Is the record complete?	
V651	fpr_dateofcreation	Fecha de creación del registro/Date and time of record creation	

total: 24

**Data file: aa\_landusearea\_1**

Cases: 1460

variables: 28

**variables**

ID	Name	Label	Question
V652	lus_inventorynumber	Número de inventario/Inventory number	
V653	lus_measurementnumber	Número de medición/Measurement number	
V654	lus_tractnumber	Unidad de muestreo/Sampling unit number	
V655	lus_plotnumber	Número de parcela/Plot number	
V656	lus_landusenumber	Número de CUT/Land use number	
V657	lus_landusecode	Código de CUT/Land use code	
V658	lus_areaha	Área en hectáreas/Area of land use in hectares	
V659	lus_timestamp	Estampilla de tiempo/Time stamp	
V660	lus_complete	Esta el registro completo/ Record complete	
V661	lus_dateofcreation	Fecha de creación del registro/Date of creation	
V662	lus_isforest	Es bosque?/The land use is forest? Y/N	
V663	lus_level1	Nivel de clasificación 1 (Bosque y no bosque)/ Classification level 1 (Forest and nonforest)	
V664	lus_level2	Nivel de clasificación 2 (FAO)/ Classification level 2 (FAO)	
V665	lus_level3	Nivel de clasificación 3 (Tipos de bosque)/ Classification level 3 (Forest type)	
V666	lus_forestclass1995	Clases del mapa 1995/ Classes from the map of 1995	
V667	lus_forestclass2009	Clases del mapa 2009/ Classes from the map of 2009	
V668	lus_forestclass2014	Clases del mapa 2014/ Classes from the map of 2014	
V669	lus_forestclassfao	Clases usadas por FAO/FAO classes	
V670	lus_plotarea	Área de la parcela	
V671	lus_areaproportion	Proporción del CUT con respecto al área de la UM (suma área de las parcelas)	
V672	lus_elapsedtime	Tiempo transcurrido entre una medición y otra	
V673	lus_forestmaturity	Estado de madurez del bosque/Forest maturity	
V674	lus_standorigin	Origen del bosque: Natural o Plantado	
V675	lus_year dendroctonus	Año en que se dio la plaga de Dendroctonus	
V676	lus_areadendroctonus	Área afectada del CUT	
V677	lus_areapropodendroctonus	Proporción de área afectada por dendroctonus	
V678	lus_potentialforest	Bosque potencial REDD+	
V679	lus_canopycover	Cobertura de copas	

total: 28

**Data file: aa\_landusedescription\_1**

Cases: 1423

variables: 99

**variables**

ID	Name	Label	Question
V680	lud_inventorynumber	Número de inventario/Inventory number	
V681	lud_measurementnumber	Número de medición/Measurement number	
V682	lud_tractnumber	Número de unidad de muestreo/Tract number	
V683	lud_plotnumber	Número de parcela/Plot number	
V684	lud_landusenumbr	Número de CUT/Land use number	
V685	lud_nodisturbance	Sin perturbación/Without disturbance	
V686	lud_drought	¿Sequía?, tipo de perturbación natural/1-Drought	
V687	lud_flood	¿Inundación?, tipo de perturbación natural/2-Flood	
V688	lud_erosion	¿Erosión?, tipo de perturbación natural/3-Erosion	
V689	lud_landslide	¿Deslizamiento de tierra?, tipo de perturbación natural/4-Landslide	
V690	lud_wind	¿Daños por viento?, tipo de perturbación natural/5-Damage by wind	
V691	lud_pests	¿Plagas y enfermedades?, tipo de perturbación natural/6-Pests and diseases	
V692	lud_otherdisturbance	¿Otro tipo de perturbación?, tipo de perturbación natural/7 - Other	
V693	lud_descotherdisturbance	Si otro es True, se debe explicar la perturbación/Explain other disturbance	
V694	lud_unknowndisturbance	¿Perturbación desconocida?, tipo de perturbación natural/Unknown disturbance	
V695	lud_disturbancemagnitude	Magnitud de la perturbación por agentes naturales/Disturbance magnitude	
V696	lud_disturbancepict	Foto de la perturbación/Disturbance picture	
V697	lud_picturedisturbancedesc	Descripción de la foto de la perturbación/Description of disturbance picture	
V698	lud_canopycovertrof	Cobertura de copa para los árboles fuera del bosque (AFB)/Canopy cover (92a)	
V699	lud_agroforestrysystem	Tipo de sistema agroforestal para AFB/Agroforestry system type (92b)	
V700	lud_afsplanning	Planificación del sistema agroforestal AFB/AFS planification (92c)	
V701	lud_afstype	Tipo de distribución de los AFB/AFS type (92d)	
V702	lud_fnotapply	Designación de uso no aplica/Not apply	
V703	lud_fconservation	Designación de uso conservación/Conservation	
V704	lud_fforestryproduction	Designación de uso producción forestal/Forestry production	
V705	lud_fwwaterproduction	Designación de uso producción de agua/Water production	
V706	lud_fsoilprotection	Designación de uso protección del suelo/Soil protection	
V707	lud_fbodywaterprotect	Designación de uso protección de cuerpos de agua/Body water protection	
V708	lud_ffuelwood	Designación de uso bosque energético/Fuel wood forest	
V709	lud_fsociocultural	Designación de uso bosque socio-cultural/Sociocultural forest	
V710	lud_feducationscientific	Designación de uso bosque científico educativo/Educational-Scientific forest	
V711	lud_frecreative	Designación de uso bosque recreativo/Recreative forest	
V712	lud_ftouristic	Designación de uso bosque turístico/Touristic forest	
V713	lud_fother	Designación de uso otro/Other use	
V714	lud_fdescribeother	Explicar otra designación/Explain other use	
V715	lud_fnodesignation	Sin Designación/No designation	
V716	lud_forestmanagementplan	Plan de manejo según designación de uso/Forest management plan (83a)	

ID	Name	Label	Question
V717	lud_pnotapply	¿No aplica? plan de manejo por producto/Not apply	
V718	lud_pcommercialwood	¿madera comercial? plan de manejo por producto/Commercial wood	
V719	lud_pnoncommwood	¿madera no comercial? plan de manejo por producto/Non commercial wood	
V720	lud_pfuelwood	¿leña? plan de manejo por producto/Fuel wood	
V721	lud_presine	¿Resina? plan de manejo por producto/Resine	
V722	lud_pnwfp	¿productos no maderables? plan de manejo por producto/Non forest wood products	
V723	lud_pwater	¿agua? plan de manejo por producto/Water	
V724	lud_pother	¿Otro producto? plan de manejo por producto/Other product	
V725	lud_pdescribeother	Descripción de otro producto/Describe other product	
V726	lud_pnoplan	¿sin plan de manejo? plan de manejo por producto/Without management plan	
V727	lud_forestfireevidence	Tipo de evidencia de presencia de incendio/Fire evidence (85)	
V728	lud_firelength	Longitud del incendio en la parcela/Fire length (m) (86)	
V729	lud_firetype	Código del tipo de incendio/Fire type (87)	
V730	lud_adnotapply	¿No aplica? perturbación antropogénica/Not apply	
V731	lud_adnodisturbance	¿Sin intervención? perturbación antropogénica/Without disturbance	
V732	lud_adforestharvest	¿Aprovechamiento forestal? perturbación antropogénica/Forest harvesting	
V733	lud_adfuelwood	¿Extracción de leña? perturbación antropogénica/Fuel wood extraction	
V734	lud_adnwfpextraction	¿Extracción de productos no maderables? perturbación antropogénica/Non wood forest product extraction	
V735	lud_adextensivelivestock	¿Ganadería extensiva? perturbación antropogénica/Extensive livestock	
V736	lud_adforestfire	¿Incendios? perturbación antropogénica/Forest fire	
V737	lud_adother	¿Otro? perturbación antropogénica/Other	
V738	lud_adotherdescription	Explicar otro de perturbación antropogénica/Explain other	
V739	lud_admagnitude	Magnitud de la perturbación antropogénica/Disturbance magnitude (94b)	
V740	lud_iscgalleryforest	¿Es un bosque de galería?/Is a gallery forest?	
V741	lud_standstructure	Código de la estructura del rodal/Stand structure (91)	
V742	lud_standcanopycover	Código de la cobertura de copas/Canopy cover (92a)	
V743	lud_standorigin	Código del origen del rodal/Satand origin (90)	
V744	lud_forestharvestingevid	Evidencia de aprovechamiento forestal/Forest harvesting evidence?	
V745	lud_hfnotapply	¿No aplica?, productos de aprovechamiento forestal/Not apply	
V746	lud_hfwood	¿Madera?, productos de aprovechamiento forestal/Wood	
V747	lud_hffuelwood	¿Leña?, productos de aprovechamiento forestal/Fuel wood	
V748	lud_hfpole	¿Postes?, productos de aprovechamiento forestal/Poles	
V749	lud_hfother	¿Otro?, productos de aprovechamiento forestal/Other	
V750	lud_hfdescribeother	Explicar otros en productos de aprovechamiento forestal/Explain other	
V751	lud_harvestgoal	Código del objetivo de aprovechamiento/Harvesting objective (95b)	
V752	lud_harvestevidence	Evidencia de aprovechamiento/Harvesting evidence? (95)	
V753	lud_harvestagreement	Convenio de aprovechamiento/Harvesting agreement (95c)	
V754	lud_hotheragreement	Explicar otro de convenio de aprovechamiento/Explain other (agreement)	
V755	lud_stnotapply	¿No aplica?, en tipo de tratamiento silvicultural/Not apply	
V756	lud_stthinningfb	¿Raleos por bajo?, en tipo de tratamiento silvicultural/Thinning from below	
V757	lud_stprecommercialthin	¿Raleos precomerciales?, en tipo de tratamiento silvicultural/Precommercial thinning	
V758	lud_stpruning	¿Podas?, en tipo de tratamiento silvicultural/Pruning	
V759	lud_sttotalcutting	¿Tala rasa? en tratamiento silvicultural/Total cutting	

ID	Name	Label	Question
V760	lud_stselectivecutting	¿Corta selectiva? en tratamiento silvicultural/Selective cutting	
V761	lud_stcutnurserytrees	¿liberación de árboles semilleros?, en tipo de tratamiento silvicultural/Release tree nursery	
V762	lud_stsanitarycutting	¿Corta de saneamiento? en tratamiento silvicultural/Sanitation cutting	
V763	lud_stvinescutting	¿Eliminación de lianas y bejucos?, en tipo de tratamiento silvicultural/Vines cutting	
V764	lud_stprescribedburned	¿Quemas prescritas?, en tipo de tratamiento silvicultural/Prescribed burned	
V765	lud_stother	¿Otros?, en tipo de tratamiento silvicultural/Other	
V766	lud_stdescribeother	Explicar otro en tipo de tratamiento silvicultural/Explain other treatment	
V767	lud_cuttingtech	Código de la tecnología de corte/Cutting technology (97a)	
V768	lud_describeothercuttech	Explicar otro en tipo de corte/Explain other cutting method	
V769	lud_transptech	Código de la tecnología de arrastre/Transportation technology (97b)	
V770	lud_descrtranstech	Explicar otro en tipo de arrastre/Explain other transportation	
V771	lud_timestamp	Tempo que tomó coleccionar los datos/Time (second) to collect data of the record	
V772	lud_complete	Está completo el registro?/Is the record complete?	
V773	lud_dateofcreation	Fecha de creación del registro/Date and time of record creation	
V774	lud_landuselevel1	Código del uso de la tierra en el nivel 1 (bosque y no bosque)/Land use level 1 (Forest and not forest)	
V775	lud_landuselevel2	Código del uso de la tierra en el nivel 2/Land use level 2	
V776	lud_firearea	Área del incendio (ha)/Fire area (ha)	
V777	lud_areaproportion	Proporción de área	
V778	lud_potentialforest	Bosque potencial REDD+	

total: 99

**Data file: aa\_plot\_1**

Cases:	724
variables:	23

**variables**

ID	Name	Label	Question
V779	plo_inventorynumber	Número de inventario/Inventory number	
V780	plo_measurementnumber	Número de medición/Measurement number	
V781	plo_tractnumber	Número de unidad de muestreo/Tract number	
V782	plo_plotnumber	Número de parcela/Plot number	
V783	plo_dateday1	Fecha medición del día 1/Measure date day 1	
V784	plo_starttimeday1	Hora de inicio de medición en el día 1/Starting time day 1	
V785	plo_endtimeday1	Hora fin de medición en el día 2/End time day 1	
V786	plo_dateday2	Fecha medición del día 2/Measure date day 2	
V787	plo_starttimeday2	Hora de inicio de medición en el día 2/Starting time day 2	
V788	plo_endtimeday2	Hora de fin de medición en el día 2/End time day 2	
V789	plo_datum	Datum de las coordenadas/Datum of the coordinates	
V790	plo_distancefrommark	Distancia desde la marca la punto de inicio/Distance from marker to plot start point	
V791	plo_bearingfrommark	Azimut desde la marca al punto de inicio/Bearing from marker to plot start point	
V792	plo_elevation	Elevación msnm/Elevation mosl	
V793	plo_timestamp	Estampilla de tiempo/Time (second) spent in data collect of tract	
V794	plo_complete	Está el registro completo?/Is the record complete?	
V795	plo_dateofcreation	Fecha de creación del registro/Date and time of record creation	
V796	plo_populationtemp	Población estadística/Temporal statistical population	
V797	plo_dateofpreviousmeasurement	Fecha de la medición anterior/ Date of previous measurement	
V798	plo_periodelapsed	Periodo de tiempo entre la medición actual y la medición previa	
V799	plo_plotvolume	Suma del volumen de la parcela/Sum of the volume in the plot	
V800	plo_previousvolume	Volumen de la parcela en la medición anterior/Volume of the plot in the previous measurement	
V801	plo_volumeincrement	Incremento anual del volumen en m3/ha/año	

total: 23

**Data file: aa\_regeneration\_1**

Cases: 1303

variables: 24

**variables**

ID	Name	Label	Question
V802	reg_inventorynumber	Número de inventario/Inventory number	
V803	reg_measurementnumber	Número de medición/Measurement number	
V804	reg_tractnumber	Número de unidad de muestreo/Tract number	
V805	reg_plotnumber	Número de parcela/Plot number	
V806	reg_regenerationnumber	Número correlativo de la regeneración/Regeneration number	
V807	reg_regenerationplot	Número de la parcela de regeneración (1-3)/Regeneration plot number (1-3)	
V808	reg_landuse	Número de CUT/Land use number	
V809	reg_specie	Especie de la regeneración/Regeneration species	
V810	reg_commonname	Nombre común si no se conoce el nombre científico/Common name of the regeneration	
V811	reg_frequency	Frecuencia de plantas en la parcela/Frequency of the specie	
V812	reg_timestamp	Tiempo para coleccionar los datos/Time (second) to collect data of the record	
V813	reg_complete	Es un registro completo?/Is the record complete?	
V814	reg_dateofcreation	Fecha de creación del registro/Date and time of record creation	
V815	reg_regenerationha	Cantidad de plantas por hectárea/Regeneration by hectare	
V816	reg_landusecode	Código del uso de la tierra-Land use	
V817	reg_landuselevel1	Código del uso de la tierra en el nivel 1 (bosque y no bosque)/Land use level 1 (Forest and not forest)	
V818	reg_landuselevel2	Código del uso de la tierra en el nivel 2/Land use level 2	
V819	reg_landuselevel3	Uso de la tierra en el nivel 3/Land use level 3	
V820	reg_landusefao	Uso de la tierra según categoría de FAO/Land use FAO classes	
V821	reg_landusemap1995	Uso de la tierra según el mapa de 1995/Land use map 1995	
V822	reg_landusemap2009	Uso de la tierra según mapa del 2009/Land use map 2009	
V823	reg_landusemap2014	Uso de la tierra según el mapa del 2014/Land use map 2014	
V824	reg_plotttype	Tipo de parcela/Plot type	
V825	reg_potentialforest	Bosque potencial REDD+	

total: 24

**Data file: aa\_speciesuses\_1**

Cases: 1926

variables: 23

**variables**

ID	Name	Label	Question
V826	spu_inventorynumber	Número de inventario/Inventory number	
V827	spu_measurementnumber	Número de medición/Measurement number	
V828	spu_tractnumber	Número de UM/Tract or sampling unit number	
V829	spu_specienumber	Número de especie/Number of specie	
V830	spu_specie	Especie/Specie code	
V831	spu_notapply	No aplica/Not apply	
V832	spu_wood	Madera/Wood	
V833	spu_fuelwood	Leña/Fuelwood	
V834	spu_coal	Carbón/Coal	
V835	spu_fruits	Frutas/Fruits	
V836	spu_medicine	Medicina/Medicine	
V837	spu_fodder	Forraje/Fodder	
V838	spu_resin	Resina/Resin	
V839	spu_pole	Poste/Pole	
V840	spu_shadow	Sombra/Shadow	
V841	spu_ornamental	Ornamental	
V842	spu_brushwood	Broza/Brushwood	
V843	spu_craft	Artesanía/Craft	
V844	spu_unknown	Desconocido/Unknown	
V845	spu_other	Otro/Other	
V847	spu_timestamp	Estampilla de tiempo/Time stamp	
V848	spu_complete	Registro completo?/Is the record complete?	
V849	spu_dateofcreation	Fecha de creación del registro/Date of record creation	

total: 23

**Data file: aa\_stump\_1**

Cases: 3350

variables: 33

**variables**

ID	Name	Label	Question
V850	stu_inventorynumber	Número de inventario/Inventory number	
V851	stu_measurementnumber	Número de medición/Measurement number	
V852	stu_tractnumber	Número de unidad de muestreo/Tract number	
V853	stu_plotnumber	Número de parcela/Plot number	
V854	stu_stumpnumber	Número de tocón/Stump number	
V855	stu_landuse	Número de uso de la tierra/and use where the stum is located	
V856	stu_specie	Especie del tocón/Stump species	
V857	stu_diameter1	Diámetro del tocón en la base (cm)/Diameter of the Stump in the bottom	
V858	stu_diameter2	Diámetro del tocón en la punta (cm)/Diameter of the Stump in the top	
V859	stu_hdbh	Altura a la cual se midió el diámetro a la base/Height where the diameter is measured	
V860	stu_height	Altura del tocón en metros/Height of stump	
V861	stu_stumpage	Edad del tocón/Age of stump, when the tree was cutted	
V862	stu_timestamp	Tempo que tomó coleccionar los datos del tocón/Time (second) to collect data of the record	
V863	stu_complete	Está completo el registro?/Is the record complete?	
V864	stu_dateofcreation	Fecha de creación del registro/Date and time of record creation	
V865	stu_wooddensity	Densidad de la madera del árbol según la especie/ Tree wood density, used for biomass calculation	
V866	stu_carbonpercentage	Porcentaje de carbono del árbol según la especie/Tree carbon percentage, used for biomass calculation	
V867	stu_stumpsha	Tocones por hectárea/Stumps by hectare	
V868	stu_volumeha	Volumen m3/ha-Volume in m3 by hectare	
V869	stu_biomassha	Biomasa Tm/ha-Biomass in tons by hectare	
V870	stu_carbonha	Carbono en Tm/ha-Carbon in tons by hectare	
V871	stu_co2ha	CO2 en Tm/ha-CO2 in tons by hectare	
V872	stu_landusecode	Código del uso de la tierra-Land use	
V873	stu_landuselevel1	Código del uso de la tierra en el nivel 1 (bosque y no bosque)/Land use level 1 (Forest and not forest)	
V874	stu_landuselevel2	Código del uso de la tierra en el nive 2/Land use level 2	
V875	stu_landuselevel3	Uso de la tierra en el nivel 3/Land use level 3	
V876	stu_landusefao	Uso de la tierra según categoría de FAO/Land use FAO classes	
V877	stu_landusemap1995	Uso de la tierra según el mapa de 1995/Land use map 1995	
V878	stu_landusemap2009	Uso de la tierra según mapa del 2009/Land use map 2009	
V879	stu_landusemap2014	Uso de la tierra según el mapa del 2014/Land use map 2014	
V880	stu_plottype	Tipo de parcela/Plot type	
V881	stu_potentialforest	Bosque potencial REDD+	
V882	stu_canopycover	Categoría de cobertura de copas	

total: 33

**Data file: aa\_topographysoil\_1**

Cases: 1802

variables: 23

**variables**

ID	Name	Label	Question
V883	tas_inventorynumber	Número de inventario/Inventory number	
V884	tas_measurementnumber	Número de medición/Measurement number	
V885	tas_tractnumber	Número de unidad de muestreo/Tract number	
V886	tas_plotnumber	Número de parcela/Plot number	
V887	tas_topographysoilnumber	Número de punto de medición del suelo/Number of the point where the measure is realized	
V888	tas_landuse	Número del uso de la tierra CUT/Land use (CUT)	
V889	tas_slope	Pendiente en %/Slope in percentage	
V890	tas_stoniness	Pedregosidad en la superficie del suelo/Stoniness of soil surface	
V891	tas_soildepth	Profundidad del suelo o material /Depth of soil	
V892	tas_organicmatter	Materia orgánica/Organic matter	
V893	tas_physiography	Fisiografía/Physiography	
V894	tas_physiographyother	Explicar si la fisiografía es otra/Explain the physiography if is other	
V895	tas_soiltexture	Textura del suelo/Soil texture	
V896	tas_soildrainage	Drenaje del suelo/Soil drainage	
V897	tas_timestamp	Estampilla de tiempo/Time stamp	
V898	tas_complete	Está completo el registro?/Is the record complete?	
V899	tas_dateofcreation	Fecha de creación del registro/Date of creation of the record	
V900	tas_populationtemp	Población estadística temporal/Temporal statistical population	
V901	tas_landusecode	Código del uso de la tierra/Land use code	
V902	tas_landuselevel1	Código del uso de la tierra en el nivel 1 (bosque y no bosque)/Land use level 1 (Forest and not forest)	
V903	tas_landuselevel2	Código del uso de la tierra en el nive 2/Land use level 2	
V904	tas_areaproportion	Proporción de área	
V905	tas_potentialforest	Bosque potencial REDD+	

total: 23

**Data file: aa\_tree\_1**

Cases: 23061

variables: 58

**variables**

ID	Name	Label	Question
V906	tre_inventorynumber	Número de inventario/Inventory number	
V907	tre_measurementnumber	Número de medición/Measurement number	
V908	tre_tractnumber	Número de unidad de muestreo/Tract number	
V909	tre_plotnumber	Número de parcela/Plot number	
V910	tre_treenumber	Número de árbol/Tree number	
V911	tre_landuse	CUT en el cual se encuentra el árbol/Land use where the tree is located	
V912	tre_remeasurementcond	Condición de la remediación/Remeasurement situation	
V913	tre_specie	Especie de árbol/Tree species	
V914	tre_dbh	DAP del árbol/DBH of the tree	
V915	tre_hdbh	Altura a la cual fue medido el DAP del árbol/Height where the DBH is measured	
V916	tre_totalheight	Altura total/Total height	
V917	tre_commercialheight	Altura comercial/Commercial height	
V918	tre_heightdatatype	La altura es medida o estimada/Measure or etimated	
V919	tre_stemquality	Calidad de fuste/Stem quality	
V920	tre_treecondition	Condición fitosanitaria/Condition of the tree	
V921	tre_conditionexplain	Explicar condición fitosanitara (otra)/Explanation of other condition	
V922	tre_healthconditiongrade	Grado de condición fitosanitaria/Healthy condition grade	
V923	tre_timestamp	Tiempo en segundos para coleccionar el datso/Time (second) to collect data of the record	
V924	tre_complete	Está completo el registro/Is the record complete?	
V925	tre_dateofcreation	Fecha de creación del registro/Date and time of record creation	
V926	tre_populationtemp	Estrato estadístico temporal/Temporal statistical population	
V927	tre_plottype	Tipo de parcela 1-20mx250m o 2-20mx130m; Plot type 1-20mx250m o 2-20mx130m	
V928	tre_formfactortv	Factor de forma del árbol según especie/Tree form factor of total volume, used for volume calculation	
V929	tre_estimatedtotalheight	Altura total estimada/Estimated total height	
V930	tre_estimatedcommheight	Altura comercial estimada/Estimated commercial height	
V931	tre_treesperhectare	Árboles por hectárea/Trees per hectare	
V932	tre_basalareaha	Área basal en m <sup>2</sup> /ha-Basal area m <sup>2</sup> /ha	
V933	tre_volumeequation	Número de la ecuación de volumen/Volume equatin number	
V934	tre_volumeha	Volumen total m <sup>3</sup> /ha-Volume m <sup>3</sup> /ha	
V935	tre_commercialvolumeha	Volumen comercial m <sup>3</sup> /ha-Commercial volume m <sup>3</sup> /ha	
V936	tre_wooddensity	Densidad de la madera del árbol según la especie/ Tree wood density, used for biomass calculation	
V937	tre_biomassequation	Número de la ecuación de biomasa/Biomass equatin number	
V938	tre_biomassha	Biomasa en Tm/ha-Biomass Tm/ha	
V939	tre_undergroundbiomass	Biomasa sub-terránea Tm/ha-Underground Biomass in tons by hectare	
V940	tre_carbonpercentage	Porcentaje de carbono del árbol según la especie/Tree carbon percentage, used for biomass calculation	

ID	Name	Label	Question
V941	tre_carbonha	Cantidad de carbono en Tm/ha-Carbon Tm/ha	
V942	tre_undergroundcarbon	Carbono subterráneo en Tm/ha-Underground Carbon in tons by hectare	
V943	tre_co2ha	CO2 en Tm/ha-CO2 in tons by hectare	
V944	tre_undergroundco2	CO2 subterráneo en Tm/ha-Underground CO2 in tons by hectare	
V945	tre_landusecode	Uso de la tierra según el número de CUT/Land use	
V946	tre_landuselevel1	Uso de la tierra en el nivel 1 (bosque y no bosque)/Land use level 1 (Forest and not forest)	
V947	tre_landuselevel2	Uso de la tierra en el nivel 2/Land use level 2	
V948	tre_landuselevel3	Uso de la tierra en el nivel 3/Land use level 3	
V949	tre_landusefao	Uso de la tierra según categoría de FAO/Land use FAO classes	
V950	tre_landusemap1995	Uso de la tierra según el mapa de 1995/Land use map 1995	
V951	tre_landusemap2009	Uso de la tierra según mapa del 2009/Land use map 2009	
V952	tre_landusemap2014	Uso de la tierra según el mapa del 2014/Land use map 2014	
V953	tre_elapsedtime	Tiempo transcurrido entre una medición y otra	
V954	tre_avgheight	Altura total promedio de los árboles en la UM	
V955	tre_stdheight	Desviación estándar de la altura total promedio de los árboles en la UM	
V956	tre_stdunitsheight	Desvios estándar con respecto a la media	
V957	tre_treedominance	Dominancia de los árboles: 01-Dominantes, 02-Codominantes, 03-Intermedios, 04-Suprimidos	
V958	tre_commercialgroup	Grupo comercial/Commercial group	
V959	tre_plantation	Es un árbol producto de una plantación/Plantation	
V960	tre_speciecondition	Especie amenazada	
V961	tre_yearendroctunus	Año en que se afectó el área por dendroctunus	
V962	tre_potentialforest	Bosque potencial REDD+	
V963	tre_canopycover	Categoría de cobertura de copas	

total: 58



**FPR\_INVENTORYNUMBER: Número de inventario/Inventory number**

Data file: aa\_forestproduct\_1

**Overview**

Valid: 838 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		838	100%

**FPR\_MEASUREMENTNUMBER: Número de medición/Measurement number**

Data file: aa\_forestproduct\_1

**Overview**

Valid: 838 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		838	100%

**FPR\_TRACTNUMBER: Número de unidad de muestreo/Tract number**

Data file: aa\_forestproduct\_1

**Overview**

Valid: 838 Invalid: 0 Minimum: 8 Maximum: 339 Mean: 161.463 Standard deviation: 83.28  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**FPR\_PLOTNUMBER: Número de parcela/Plot number**

Data file: aa\_forestproduct\_1

**Overview**

Valid: 838 Invalid: 0 Minimum: 1 Maximum: 4 Mean: 2.415 Standard deviation: 1.149  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		252	30.1%
2		185	22.1%
3		202	24.1%
4		199	23.7%

### FPR\_PRODUCTNUMBER: Número de producto/Product number

Data file: aa\_forestproduct\_1

#### Overview

Valid: 838 Invalid: 0 Minimum: 1 Maximum: 24 Mean: 6.445 Standard deviation: 4.945  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

### FPR\_PROCUCTCODE: Código del producto/Product code

Data file: aa\_forestproduct\_1

#### Overview

Valid: 838 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
PR01		112	13.4%
PR02		162	19.3%
PR03		236	28.2%
PR04		1	0.1%
PR06		2	0.2%
PR08		16	1.9%
PR09		8	1%
PR10		1	0.1%
PR12		20	2.4%
PR13		6	0.7%
PR14		14	1.7%
PR15		1	0.1%
PR16		6	0.7%

PR17		3	0.4%
PR18		30	3.6%
PR19		2	0.2%
PR20		56	6.7%
PR23		2	0.2%
PR25		9	1.1%
PR26		151	18%

### **FPR\_FORESTTYPE: Tipo de bosque de donde se obtuvo el producto/ Forest type where the product was obtained**

Data file: aa\_forestproduct\_1

#### **Overview**

Valid: 838 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
TB01		369	44%
TB02		361	43.1%
TB03		100	11.9%
TB04		8	1%

### **FPR\_SUMMARY: ¿Es dato resumen?**

Data file: aa\_forestproduct\_1

#### **Overview**

Valid: 838 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.911 Standard deviation: 0.286

Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### **Questions and instructions**

##### CATEGORIES

Value	Category	Cases	
0		75	8.9%
1		763	91.1%

**FPR\_SPECIE1: Primera especie usada para elaborar el producto**

Data file: aa\_forestproduct\_1

**Overview**

Valid: 733 Invalid: 0

Type: Discrete Width: 6 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
ACACAN		1	0.1%
ACACDO		1	0.1%
ACOEWR		4	0.5%
BYRSCR		37	5%
CALPBR		7	1%
CALYCA		1	0.1%
CARAGU		9	1.2%
CLET01		1	0.1%
COCCUV		1	0.1%
CORDAL		7	1%
CORDBI		5	0.7%
CORLTE		1	0.1%
DESCON		4	0.5%
DIALGU		19	2.6%
DIPHRO		1	0.1%
EUGESR		1	0.1%
GLIRSE		1	0.1%
GUARGA		1	0.1%
GUAZUL		6	0.8%
HYMECO		4	0.5%
INGA01		2	0.3%
INGAVE		2	0.3%
LAGURA		2	0.3%
LEUCDI		6	0.8%
LIQUST		5	0.7%
LYSI01		7	1%
LYSISE		8	1.1%
MAGNPO		1	0.1%
MANIAC		1	0.1%
NOLIST		52	7.1%

PINUCC		1	0.1%
PINUCH		70	9.5%
PINUMI		11	1.5%
PINUOO		235	32.1%
PROSCH		4	0.5%
PROSJU		2	0.3%
QUER01		86	11.7%
QUERAC		9	1.2%
QUERCO		46	6.3%
QUEROL		27	3.7%
QUERPE		5	0.7%
QUERSK		1	0.1%
RHIZMA		8	1.1%
SIMAGL		4	0.5%
SWIEMA		15	2%
SYMPGL		1	0.1%
TABEGU		1	0.1%
TERMAM		4	0.5%
TRIHME		1	0.1%
VIROKO		1	0.1%
VOCH01		3	0.4%

## FPR\_SPECIE2: Segunda especie

Data file: aa\_forestproduct\_1

### Overview

Valid: 87 Invalid: 0

Type: Discrete Width: 6 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
AVICNI		3	3.4%
BURSSI		1	1.1%
BYRSCR		2	2.3%
CARAGU		1	1.1%
CEDLOD		7	8%
CLET01		4	4.6%

CONOER		4	4.6%
CORD01		1	1.1%
CORDAL		1	1.1%
CORDDE		3	3.4%
DESCON		1	1.1%
DIALGU		5	5.7%
GUAZUL		4	4.6%
INGA01		1	1.1%
LAGURA		1	1.1%
LIQUST		2	2.3%
LUEHCA		1	1.1%
MANIAC		1	1.1%
NOLIST		21	24.1%
PINUCH		1	1.1%
PINUOO		3	3.4%
PLAMPL		1	1.1%
PSIDGU		4	4.6%
QUERCO		2	2.3%
QUEROL		2	2.3%
SYMPGL		1	1.1%
TABERO		4	4.6%
TRIHME		1	1.1%
VIROKO		1	1.1%
VOCH01		1	1.1%
VOCHHO		1	1.1%
XYLOFR		1	1.1%

### FPR\_SPECIE3: Tercera especie

Data file: aa\_forestproduct\_1

#### Overview

Valid: 242 Invalid: 0

Type: Discrete Width: 6 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
ACACFA		1	0.4%

ACACME		1	0.4%
AVICNI		1	0.4%
BROSAL		2	0.8%
BURSSI		4	1.7%
BYRSCR		10	4.1%
CALPBR		15	6.2%
CARAGU		9	3.7%
CEDLOD		6	2.5%
CLET01		2	0.8%
CORDBI		2	0.8%
CUPACI		1	0.4%
DESCON		2	0.8%
DIALGU		4	1.7%
GENIAM		1	0.4%
GLIRSE		4	1.7%
GUAZUL		2	0.8%
HYMECO		2	0.8%
INGAVE		7	2.9%
LAGURA		2	0.8%
LEUCCO		1	0.4%
LYSI01		6	2.5%
NOLIST		18	7.4%
PINUCH		11	4.5%
PINUOO		9	3.7%
POUT01		4	1.7%
QUER01		44	18.2%
QUERCO		19	7.9%
QUEROL		21	8.7%
QUERSE		4	1.7%
SIMAGL		4	1.7%
SPONMO		1	0.4%
SWIEHU		1	0.4%
SYMPGL		4	1.7%
TABEDO		1	0.4%
TABEGU		9	3.7%
VOCH01		1	0.4%
VOCHF		1	0.4%
VOCHHO		4	1.7%
XYLOFR		1	0.4%

**FPR\_SPECIE4: Cuarta especie usada**

Data file: aa\_forestproduct\_1

**Overview**

Valid: 31 Invalid: 0

Type: Discrete Width: 6 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
BYRSCR		1	3.2%
CALPBR		6	19.4%
CARAGU		2	6.5%
ENTEKY		2	6.5%
LAGURA		1	3.2%
LYSI01		3	9.7%
MUNTCA		2	6.5%
NECT01		1	3.2%
NOLIST		4	12.9%
QUER01		1	3.2%
QUERCO		2	6.5%
SIMAAM		1	3.2%
SIMAGL		1	3.2%
SWIEHU		1	3.2%
SWIEMA		1	3.2%
SYMPGL		1	3.2%
TABEGU		1	3.2%

**FPR\_SPECIE5: Quinta especie usada**

Data file: aa\_forestproduct\_1

**Overview**

Valid: 90 Invalid: 0

Type: Discrete Width: 6 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
ACACFA		1	1.1%
AVICNI		1	1.1%
BURSSI		5	5.6%
BYRSCR		5	5.6%
CALPBR		2	2.2%
CALYCA		1	1.1%
CARAGU		1	1.1%
CECR01		4	4.4%
CEDLOD		2	2.2%
CLET01		1	1.1%
ENTEKY		1	1.1%
GLIRSE		1	1.1%
GUAR01		1	1.1%
HYME01		1	1.1%
INGA01		4	4.4%
LAGURA		10	11.1%
LYSI01		3	3.3%
MUNTCA		2	2.2%
NOLIST		15	16.7%
PINUMI		4	4.4%
QUERAC		3	3.3%
SIMAGL		1	1.1%
SYMPGL		6	6.7%
TABEGU		4	4.4%
TERMAM		1	1.1%
TRIHME		1	1.1%
VOCH01		5	5.6%
VOCHF		4	4.4%

## FPR\_MEASUREUNIT: Unidad de medida del producto

Data file: aa\_forestproduct\_1

### Overview

Valid: 744 Invalid: 0

Type: Discrete Width: 10 Format: character Weighted variable: 0

### Questions and instructions

## CATEGORIES

Value	Category	Cases	
Barril		13	1.7%
Bote		4	0.5%
Botella		4	0.5%
Bulto		4	0.5%
Carga		203	27.3%
Carretada		7	0.9%
Kg.		1	0.1%
Kg..		1	0.1%
Lata		5	0.7%
Libra		33	4.4%
Litro		7	0.9%
No aplica		12	1.6%
Pie lineal		13	1.7%
Pie tablar		124	16.7%
Pieza		8	1.1%
Poste		67	9%
Raja		17	2.3%
Rollo		2	0.3%
Saco		4	0.5%
Tarea		5	0.7%
Unitario		69	9.3%
Vara		4	0.5%
c/u		20	2.7%
m3		117	15.7%

### FPR\_UNITSBYPERSON: Cantidad de unidades producidas en un día

Data file: aa\_forestproduct\_1

#### Overview

Valid: 838 Invalid: 0 Minimum: 0 Maximum: 5000 Mean: 60.514 Standard deviation: 219.802  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### FPR\_IMPORTANCE: Código de importancia del producto

Data file: aa\_forestproduct\_1

#### Overview

Valid: 838 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
PI00		1	0.1%
PI01		374	44.6%
PI02		277	33.1%
PI03		179	21.4%
PI04		7	0.8%

---

### FPR\_RECOLECTIONTYPE: Código de la forma de recolección

Data file: aa\_forestproduct\_1

#### Overview

Valid: 838 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
FR01		278	33.2%
FR02		560	66.8%

---

### FPR\_DESTINATION: Código del destino del producto

Data file: aa\_forestproduct\_1

#### Overview

Valid: 838 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
PD01		4	0.5%
PD02		512	61.1%
PD03		181	21.6%
PD04		141	16.8%

**FPR\_TRENDOFDEMAND: Código de la tendencia de la demanda del producto\***

Data file: aa\_forestproduct\_1

**Overview**

Valid: 838 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
PM00		4	0.5%
PM01		432	51.6%
PM02		25	3%
PM03		364	43.4%
PM04		13	1.6%

**FPR\_TRENDOFFER: Código de la tendencia de la oferta del producto\***

Data file: aa\_forestproduct\_1

**Overview**

Valid: 838 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
PT00		4	0.5%
PT01		48	5.7%
PT02		395	47.1%
PT03		378	45.1%
PT04		13	1.6%

**FPR\_FREQUENCYOFEXTRACTION: Código de la frecuencia de extracción\***

Data file: aa\_forestproduct\_1

**Overview**

Valid: 838 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
PE01		6	0.7%
PE02		48	5.7%
PE03		214	25.5%
PE04		379	45.2%
PE05		158	18.9%
PE06		33	3.9%

### FPR\_TIMESTAMP: Tempo que tomó coleccionar los datos/Time (second) to collect data of the record

Data file: aa\_forestproduct\_1

#### Overview

Valid: 838 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		838	100%

### FPR\_COMPLETE: Está completo el registro?/Is the record complete?

Data file: aa\_forestproduct\_1

#### Overview

Valid: 838 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		838	100%

**FPR\_DATEOFCREATION: Fecha de creación del registro/Date and time of record creation****Data file: aa\_forestproduct\_1****Overview**

Valid: 838 Minimum: 2015-12-01 Maximum: 2015-12-01

Type: Discrete Width: 20 Format: character Weighted variable: 0

**Questions and instructions**

---

## CATEGORIES

Value	Category	Cases	
2015-12-01		838	100%

---

**LUS\_INVENTORYNUMBER: Número de inventario/Inventory number**

Data file: aa\_landusearea\_1

**Overview**

Valid: 1460 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1460	100%

**LUS\_MEASUREMENTNUMBER: Número de medición/Measurement number**

Data file: aa\_landusearea\_1

**Overview**

Valid: 1460 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1460	100%

**LUS\_TRACTNUMBER: Unidad de muestreo/Sampling unit number**

Data file: aa\_landusearea\_1

**Overview**

Valid: 1460 Invalid: 0 Minimum: 1 Maximum: 339 Mean: 160.363 Standard deviation: 96.337  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**LUS\_PLOTNUMBER: Número de parcela/Plot number**

Data file: aa\_landusearea\_1

**Overview**

Valid: 1460 Invalid: 0 Minimum: 1 Maximum: 4 Mean: 2.5 Standard deviation: 1.128  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
1		377	25.8%
2		345	23.6%
3		369	25.3%
4		369	25.3%

---

### LUS\_LANDUSENUMBER: Número de CUT/Land use number

Data file: aa\_landusearea\_1

#### Overview

Valid: 1460 Invalid: 0 Minimum: 1 Maximum: 11 Mean: 2.038 Standard deviation: 1.672  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
1		724	49.6%
2		380	26%
3		202	13.8%
4		81	5.5%
5		29	2%
6		6	0.4%
7		2	0.1%
10		29	2%
11		7	0.5%

---

### LUS\_LANDUSECODE: Código de CUT/Land use code

Data file: aa\_landusearea\_1

#### Overview

Valid: 1460 Invalid: 0  
 Type: Discrete Width: 6 Format: character Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
CUA		130	8.9%
CUAh		37	2.5%
CUAi		39	2.7%
CUCa		140	9.6%
CUCp		19	1.3%
CUDESC		95	6.5%
CUG		119	8.2%
CUH		31	2.1%
CUL0D		15	1%
CULOE		3	0.2%
CULOI		25	1.7%
CULOR		11	0.8%
CUL1D		42	2.9%
CUL1E		1	0.1%
CUL1I		63	4.3%
CUL1R		17	1.2%
CUL2D		19	1.3%
CUL2E		1	0.1%
CUL2I		29	2%
CUL2R		19	1.3%
CULBS		55	3.8%
CULP		37	2.5%
CUMg1I		1	0.1%
CUMg2I		5	0.3%
CUMx0D		2	0.1%
CUMx0R		2	0.1%
CUMx1D		11	0.8%
CUMx1E		1	0.1%
CUMx1I		16	1.1%
CUMx1R		9	0.6%
CUMx2D		6	0.4%
CUMx2I		19	1.3%
CUMx2R		4	0.3%
CUP0D		4	0.3%
CUP0I		11	0.8%
CUP0R		4	0.3%
CUP1D		19	1.3%
CUP1I		47	3.2%

CUP1R		26	1.8%
CUP2D		15	1%
CUP2E		17	1.2%
CUP2I		32	2.2%
CUP2R		33	2.3%
CUPn		33	2.3%
CUPna		52	3.6%
CUPr		8	0.5%
CUS		22	1.5%
CUSa		9	0.6%
CUSaf		85	5.8%
CUSd		20	1.4%

### LUS\_AREAHA: Área en hectáreas/Area of land use in hectares

Data file: aa\_landusearea\_1

#### Overview

Valid: 1460 Invalid: 0 Minimum: 0.0002 Maximum: 0.5 Mean: 0.248 Standard deviation: 0.171  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### LUS\_TIMESTAMP: Estampilla de tiempo/Time stamp

Data file: aa\_landusearea\_1

#### Overview

Valid: 1460 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1460	100%

### LUS\_COMPLETE: Esta el registro completo/ Record complete

Data file: aa\_landusearea\_1

#### Overview

Valid: 1460 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		1460	100%

## LUS\_DATEOFCREATION: Fecha de creación del registro/Date of creation

Data file: aa\_landusearea\_1

### Overview

Valid: 1460 Minimum: 2015-12-01 Maximum: 2015-12-01  
 Type: Discrete Width: 20 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2015-12-01		1460	100%

## LUS\_ISFOREST: Es bosque?/The land use is forest? Y/N

Data file: aa\_landusearea\_1

### Overview

Valid: 1460 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.431 Standard deviation: 0.495  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		831	56.9%
1		629	43.1%

## LUS\_LEVEL1: Nivel de clasificación 1 (Bosque y no bosque)/ Classification level 1 (Forest and nonforest)

Data file: aa\_landusearea\_1

### Overview

Valid: 1460 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
N101		629	43.1%
N102		736	50.4%
N103		95	6.5%

## LUS\_LEVEL2: Nivel de clasificación 2 (FAO)/ Classification level 2 (FAO)

Data file: aa\_landusearea\_1

### Overview

Valid: 1460 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
N200		55	3.8%
N201		282	19.3%
N202		216	14.8%
N203		70	4.8%
N204		6	0.4%
N205		191	13.1%
N206		506	34.7%
N207		39	2.7%
N208		95	6.5%

## LUS\_LEVEL3: Nivel de clasificación 3 (Tipos de bosque)/ Classification level 3 (Forest type)

Data file: aa\_landusearea\_1

### Overview

Valid: 1460 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
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N300		55	3.8%
N301		37	2.5%
N302		68	4.7%
N303		123	8.4%
N304		54	3.7%
N305		97	6.6%
N306		92	6.3%
N307		19	1.3%
N308		8	0.5%
N309		29	2%
N310		37	2.5%
N311		4	0.3%
N312		5	0.3%
N313		1	0.1%
N315		191	13.1%
N316		506	34.7%
N317		39	2.7%
N318		95	6.5%

## LUS\_FORESTCLASS1995: Clases del mapa 1995/ Classes from the map of 1995

Data file: aa\_landusearea\_1

### Overview

Valid: 1460 Invalid: 0

Type: Discrete Width: 5 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
CFBCD		38	2.6%
CFBCR		178	12.2%
CFBLA		422	28.9%
CFBMI		70	4.8%
CFBOM		6	0.4%
CFDES		95	6.5%
CFLAL		70	4.8%
CFTSB		581	39.8%

**LUS\_FORESTCLASS2009: Clases del mapa 2009/ Classes from the map of 2009****Data file: aa\_landusearea\_1****Overview**

Valid: 1460 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
01		38	2.6%
02		178	12.2%
03		70	4.8%
04		282	19.3%
05		6	0.4%
06		55	3.8%
08		159	10.9%
09		289	19.8%
10		130	8.9%
11		51	3.5%
12		37	2.5%
13		70	4.8%
14		95	6.5%

**LUS\_FORESTCLASS2014: Clases del mapa 2014/ Classes from the map of 2014****Data file: aa\_landusearea\_1****Overview**

Valid: 1460 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
01		282	19.3%
02		55	3.8%
03		70	4.8%
04		38	2.6%
05		178	12.2%

06		6	0.4%
09		130	8.9%
11		244	16.7%
12		204	14%
13		31	2.1%
16		39	2.7%
19		37	2.5%
22		20	1.4%
23		31	2.1%
27		95	6.5%

### LUS\_FORESTCLASSFAO: Clases usadas por FAO/FAO classes

Data file: aa\_landusearea\_1

#### Overview

Valid: 1460 Invalid: 0

Type: Discrete Width: 2 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
01		629	43.1%
02		276	18.9%
03		390	26.7%
04		70	4.8%
05		95	6.5%

### LUS\_PLOTAREA: Área de la parcela

Data file: aa\_landusearea\_1

#### Overview

Valid: 1460 Invalid: 0 Minimum: 2 Maximum: 2 Mean: 2 Standard deviation: 0

Type: Discrete Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
2		1460	100%

**LUS\_AREAPROPORTION: Proporción del CUT con respecto al área de la UM (suma área de las parcelas)**

Data file: aa\_landusearea\_1

**Overview**

Valid: 1460 Invalid: 0 Minimum: 0.0001 Maximum: 0.25 Mean: 0.124 Standard deviation: 0.0854  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**LUS\_ELAPSEDTIME: Tiempo transcurrido entre una medición y otra**

Data file: aa\_landusearea\_1

**Overview**

Valid: 0 Invalid: 1460  
 Type: Discrete Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category
Sysmiss	

**LUS\_FORESTMATURITY: Estado de madurez del bosque/Forest maturity**

Data file: aa\_landusearea\_1

**Overview**

Valid: 1460 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
JO		77	5.3%
MA		236	16.2%
ME		253	17.3%
OB		55	3.8%
OC		831	56.9%
RE		8	0.5%

**LUS\_STANDORIGIN: Origen del bosque: Natural o Plantado**

Data file: aa\_landusearea\_1

**Overview**

Valid: 644 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
OR00		24	3.7%
OR01		4	0.6%
OR02		616	95.7%

**LUS\_YEARDENDROCTUNUS: Año en que se dió la plaga de Dendroctonus**

Data file: aa\_landusearea\_1

**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 1 Format: character Weighted variable: 0

**LUS\_AREADENDROCTUNUS: Área afectada del CUT**

Data file: aa\_landusearea\_1

**Overview**

Valid: 0 Invalid: 1460

Type: Discrete Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category
Sysmiss	

**LUS\_AREAPROPODENDROCTUNUS: Proporción de área afectada por dendroctonus**

Data file: aa\_landusearea\_1

**Overview**

Valid: 0 Invalid: 1460

Type: Discrete Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category
Sysmiss	

## LUS\_POTENTIALFOREST: Bosque potencial REDD+

Data file: aa\_landusearea\_1

### Overview

Valid: 1460 Invalid: 0

Type: Discrete Width: 2 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
01		283	19.4%
02		262	17.9%
03		3	0.2%
04		81	5.5%
05		736	50.4%
06		95	6.5%

## LUS\_CANOPYCOVER: Cobertura de copas

Data file: aa\_landusearea\_1

### Overview

Valid: 1460 Invalid: 0

Type: Discrete Width: 2 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
00		368	25.2%
01		386	26.4%
02		213	14.6%
03		323	22.1%
04		170	11.6%



**LUD\_INVENTORYNUMBER: Número de inventario/Inventory number**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1423	100%

**LUD\_MEASUREMENTNUMBER: Número de medición/Measurement number**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1423	100%

**LUD\_TRACTNUMBER: Número de unidad de muestreo/Tract number**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 1 Maximum: 339 Mean: 160.247 Standard deviation: 96.414  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**LUD\_PLOTNUMBER: Número de parcela/Plot number**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 1 Maximum: 4 Mean: 2.496 Standard deviation: 1.128  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		368	25.9%
2		339	23.8%
3		358	25.2%
4		358	25.2%

### LUD\_LANDUSENUMBER: Número de CUT/Land use number

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 1 Maximum: 7 Mean: 1.833 Standard deviation: 1.066  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		723	50.8%
2		380	26.7%
3		202	14.2%
4		81	5.7%
5		29	2%
6		6	0.4%
7		2	0.1%

### LUD\_NODISTURBANCE: Sin perturbación/Without disturbance

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.918 Standard deviation: 0.274  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		116	8.2%

1		1307	91.8%
---	--	------	-------

### LUD\_DROUGHT: ¿Sequía?, tipo de perturbación natural/1-Drought

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.000703 Standard deviation: 0.0265  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1422	99.9%
1		1	0.1%

### LUD\_FLOOD: ¿Inundación?, tipo de perturbación natural/2-Flood

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0126 Standard deviation: 0.112  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1405	98.7%
1		18	1.3%

### LUD\_EROSION: ¿Erosión?, tipo de perturbación natural/3-Erosion

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00632 Standard deviation: 0.0793  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

0		1414	99.4%
1		9	0.6%

### LUD\_LANDSLIDE: ¿Deslizamiento de tierra?, tipo de perturbación natural/4-Landslide

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0239 Standard deviation: 0.153  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1389	97.6%
1		34	2.4%

### LUD\_WIND: ¿Daños por viento?, tipo de perturbación natural/5-Damage by wind

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00703 Standard deviation: 0.0836  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1413	99.3%
1		10	0.7%

### LUD\_PESTS: ¿Plagas y enfermedades?, tipo de perturbación natural/6-Pests and diseases

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0225 Standard deviation: 0.148  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1391	97.8%
1		32	2.2%

### LUD\_OTHERDISTURBANCE: ¿Otro tipo de perturbación?, tipo de perturbación natural/7 - Other

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.000703 Standard deviation: 0.0265  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1422	99.9%
1		1	0.1%

### LUD\_DESCOTHERDISTURBANCE: Si otro es True, se debe explicar la perturbación/Explain other disturbance

Data file: aa\_landusedescription\_1

#### Overview

Valid: 3 Invalid: 0  
 Type: Discrete Width: 20 Format: character Weighted variable: 0

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Derrumbe		1	33.3%
Incendios forestales		1	33.3%
Parasitos		1	33.3%

### LUD\_UNKNOWNDISTURBANCE: ¿Perturbación desconocida?, tipo de perturbación natural/Unknown disturbance

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0

Type: Discrete    Decimal: 0    Width: 8    Format: Numeric    Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1423	100%

**LUD\_DISTURBANCEMAGNITUDE: Magnitud de la perturbación por agentes naturales/Disturbance magnitude**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1383    Invalid: 0

Type: Discrete    Width: 4    Format: character    Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
MP00		1291	93.3%
MP01		46	3.3%
MP02		25	1.8%
MP03		20	1.4%
MP04		1	0.1%

**LUD\_DISTURBANCEPICT: Foto de la perturbación/Disturbance picture**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 92

Type: Discrete    Width: 146    Format: character    Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
C:\Archivos de programa\EvaluacionForestal\FOTOS UM 120\FOTOS PERTURBACIONES\FOTOS UM 120 PERT P3 24.jpg		1	1.1%
C:\Archivos de programa\EvaluacionForestal\FOTOS UM 120\FOTOS PERTURBACIONES\FOTOS UM 120 PERT P2 18.jpg		1	1.1%
C:\Archivos de programa\EvaluacionForestal\Fotos UM 122\UM122 P4 Pert1 F13.jpg		1	1.1%

C:\Archivos de programa\EvaluacionForestal\Fotos UM 147\UM147 P2 Pert1 F14.JPG	1	1.1%
C:\Archivos de programa\EvaluacionForestal\Fotos UM 183\UM183 P2 Pert F31.JPG	1	1.1%
C:\Archivos de programa\EvaluacionForestal\UM 245 POTOSI\UM 245 P3 Pert1 Foto24.JPG	1	1.1%
C:\Archivos de programa\EvaluacionForestal\UM 49\FOTOS PERTURBACIONES\UM 49 PERT P3 F 26.JPG	1	1.1%
C:\Documentos de C\ENF 310\Perturbaciones\F10 UM 310 Arbol Caído especies de rápido crecimiento.JPG	1	1.1%
C:\Documentos de C\ENF308\Perturbaciones 308\Area Inundable UM 308 P3F10.JPG	1	1.1%
C:\Documentos de C\ENF308\Perturbaciones 308\Area inundadas p2 UM 308F23.JPG	1	1.1%
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C:\Documents and Settings\Harbin\Escritorio\Foto Guatemalita 155\Foto Guatemalita Erick UM 155\Foto UM155\UM 155 P1-Pert1 F10.jpg	1	1.1%
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## LUD\_PICTUREDISTURBANDESC: Descripción de la foto de la perturbación/Description of disturbance picture

Data file: aa\_landusedescription\_1

### Overview

Valid: 91

Type: Discrete Width: 131 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
ACUMULACION DE AGUA		3	3.3%
ARBOL DE PINO MUERTO POR PLAGA		1	1.1%

ARBOL DERRIBADO POR VIENTO	1	1.1%
ARBOL DESCONOCIDO MUERTO POR PLAGA	1	1.1%
ARBOL MUERTO POR PLAGA DESCONOCIDA	1	1.1%
ARBOLES DERRIBADOS	1	1.1%
ARBOLES MUERTOS POR ATAQUE DE GORGOJO	1	1.1%
ARBOLES MUERTOS POR PLAGA	1	1.1%
Arboles caidos por dos posibles causas: Corte por el ocupante o por pudricion en pie despues de muerto por los incendios forestales	1	1.1%
Arboles derribados por el viento y ataque de plaga de gorgojo	1	1.1%
Arboles derribados por viento	1	1.1%
Arboles muertos despues de plaga	1	1.1%
Arboles muertos por ataque de Ips.	1	1.1%
Arboles plagados	1	1.1%
Area de chaguita, producto de inundaci3n.	1	1.1%
Area de deslizamiento de tierra	1	1.1%
Area de deslizamiento de tierra observaciones : algunos arboles de este sector fueron estimado spor ser el terreno inaccesible.	1	1.1%
Area ligeramente inundadas en epocas de invierno que pueden durar hasta 3 dias para que el agua baje su nivel	1	1.1%
Area suceptible a inundaci3n	1	1.1%
Area sujeta a inundaci3n	1	1.1%
Areas con Deslizamientos de Tierras	1	1.1%
Areas con deslizamientos de Tierra	1	1.1%
Areas de deslizamientos de tierra	1	1.1%
Areas de deslizamientos de Tierra	1	1.1%
Ataque por Ips., la que supuestamente fu3 controlada por la AFE.	1	1.1%
BOSQUE DE PINO RALO PERTURBADO POR LA PLAGA	1	1.1%
Brote Adyacente atacado por plaga	1	1.1%
Brote de Plaga Inactivo	1	1.1%
Brote de plaga, Ips.	1	1.1%
Camino de arrastre de madera	1	1.1%
Canal post Mitch.	1	1.1%
Carcavas por erosion del suelo	1	1.1%
Carcavas producidas por la erosion	1	1.1%
Cauce abandonado de creciente	1	1.1%
DERRUMBE	1	1.1%
DERRUMBE DE TIERRA	1	1.1%
DERRUMBES	1	1.1%
DESLIZAMIENTO DE TIERRA	1	1.1%
Derrunbe a 135 sobre el eje de la parcela.	1	1.1%

Deslave	1	1.1%
Deslizamiento con cobertura de maleza	1	1.1%
Deslizamiento de Tierra	1	1.1%
Deslizamiento de tierra	1	1.1%
Deslizamiento de tierra causado por las lluvias	1	1.1%
Deslizamiento de tierra como perturbacion del CUT	1	1.1%
Deslizamiento de tierra dentro del CUT Lp	1	1.1%
Deslizamiento de tierra dentro del CUT bosque L1I	1	1.1%
Deslizamiento de tierra dentro del CUT bosque Lp	1	1.1%
Deslizamiento de tierra.	2	2.2%
Deslizamientos de Tierra	1	1.1%
Deslizamientos de tierra dentro del CUT 1 (F-12 y 13)	1	1.1%
Erosion en el area	1	1.1%
Erosion evidente	1	1.1%
FUSTE QUEBRADO POR EL VIENTO	1	1.1%
Ladera erosionada	1	1.1%
MISMO CUT1. producto de inundaci3n.	1	1.1%
Nisma CUT2, Canal post Mitch	1	1.1%
PARTE DE LOS ARBOLES MUERTOS QUE TODAVIA ESTAN EN PIE AFECTADOS POR GORGOJO	1	1.1%
Parasitos en un arbol de pino	1	1.1%
Peque±o rodal plagado, cercano a la parcela	1	1.1%
Perturbacion de suelo por erosion	1	1.1%
Plaga cercana al area de la parcela	1	1.1%
Plaga de gorgojo inactivo	1	1.1%
Plagado por gorgojo del pino	1	1.1%
Plagas	1	1.1%
Residuos de arboles muertos a causa de la Plaga del Gorgojo del pino	1	1.1%
Rodal de Bosque plagado por dendroctunos en fase dos.	1	1.1%
Rodal de Pino atacado por dendroctunos en fase 3	1	1.1%
Se puede observar el arbol caido por viento	1	1.1%
Terreno erosionado.	1	1.1%
Terreno 3rido inundable.	1	1.1%
Toda esta zona fu3 inundada por huracan Mitch, el mismo CUT representa la zona de perturbaci3n, el cual ya est4 recuperado	1	1.1%
Vista de el Deslizamineto de tierra	1	1.1%
Vista de perturbacion Muerdago	1	1.1%
Vista de perturbacion muerdago	1	1.1%
Vista del deslizamiento de tierra como perturbacion del CUT	1	1.1%
Zona inundada por Huracan Mitch, es representada por la misma foto del CUT, es un 3rea ya recuperada.	1	1.1%

Zona inundada y usada para ganaderia.	1	1.1%
arbol derribado por viento	1	1.1%
arboles muertos en pie a causa de plaga de gorgojos	1	1.1%
deslizamiento de tierra	3	3.3%
deslizamiento de tierra.	1	1.1%
especies de rapido crecimiento, arbol caido de cipres.	1	1.1%
inundación en bajío	1	1.1%
pequeño deslizamiento de tierra	1	1.1%
Área que fue inundada por Huracan Mitch, se observa recuperada.	1	1.1%

### LUD\_CANOPYCOVERTROF: Cobertura de copa para los árboles fuera del bosque (AFB)/Canopy cover (92a)

Data file: aa\_landusedescription\_1

#### Overview

Valid: 923 Invalid: 0  
Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
CC00		444	48.1%
CC01		311	33.7%
CC02		75	8.1%
CC03		55	6%
CC04		33	3.6%
CC05		5	0.5%

### LUD\_AGROFORESTRYSYSTEM: Tipo de sistema agroforestal para AFB/Agroforestry system type (92b)

Data file: aa\_landusedescription\_1

#### Overview

Valid: 919 Invalid: 0  
Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
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SA00		447	48.6%
SA01		64	7%
SA03		53	5.8%
SA04		22	2.4%
SA05		11	1.2%
SA06		12	1.3%
SA08		57	6.2%
SA09		67	7.3%
SA11		178	19.4%
SA12		8	0.9%

### LUD\_AFSPLANNING: Planificación del sistema agroforestal AFB/AFS planification (92c)

Data file: aa\_landusedescription\_1

#### Overview

Valid: 918 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
PS00		648	70.6%
PS01		113	12.3%
PS02		153	16.7%
PS03		4	0.4%

### LUD\_AFSTYPE: Tipo de distribución de los AFB/AFS type (92d)

Data file: aa\_landusedescription\_1

#### Overview

Valid: 919 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
TS00		486	52.9%
TS01		18	2%

TS02		351	38.2%
TS03		64	7%

### LUD\_FNOTAPPLY: Designación de uso no aplica/Not apply

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0169 Standard deviation: 0.129  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1399	98.3%
1		24	1.7%

### LUD\_FCONSERVATION: Designación de uso conservación/Conservation

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.208 Standard deviation: 0.406  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1127	79.2%
1		296	20.8%

### LUD\_FFORESTRYPRODUCTION: Designación de uso producción forestal/Forestry production

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.102 Standard deviation: 0.303  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1278	89.8%
1		145	10.2%

### LUD\_FWATERPRODUCTION: Designación de uso producción de agua/Water production

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.188 Standard deviation: 0.391  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1155	81.2%
1		268	18.8%

### LUD\_FSOILPROTECTION: Designación de uso protección del suelo/Soil protection

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.206 Standard deviation: 0.405  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1130	79.4%
1		293	20.6%

### LUD\_FBODYWATERPROTECT: Designación de uso protección de cuerpos de agua/Body water protection

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.132 Standard deviation: 0.339  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1235	86.8%
1		188	13.2%

## LUD\_FFUELWOOD: Designación de uso bosque energético/Fuel wood forest

Data file: aa\_landusedescription\_1

### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.116 Standard deviation: 0.32  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1258	88.4%
1		165	11.6%

## LUD\_FSOCIOCULTURAL: Designación de uso bosque socio-cultural/Sociocultural forest

Data file: aa\_landusedescription\_1

### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0211 Standard deviation: 0.144  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1393	97.9%
1		30	2.1%

## LUD\_FEDUCATIONSCIENTIFIC: Designación de uso bosque científico educativo/Educational-Scientific forest

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0162 Standard deviation: 0.126  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1400	98.4%
1		23	1.6%

**LUD\_FRECREATIVE: Designación de uso bosque recreativo/Recreative forest**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00422 Standard deviation: 0.0648  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1417	99.6%
1		6	0.4%

**LUD\_FTOURISTIC: Designación de uso bosque turístico/Touristic forest**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0126 Standard deviation: 0.112  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1405	98.7%
1		18	1.3%

**LUD\_FOTHER: Designación de uso otro/Other use**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00211 Standard deviation: 0.0459  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1420	99.8%
1		3	0.2%

**LUD\_FDESCRIBEOTHER: Explicar otra designación/Explain other use**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 5 Invalid: 0  
 Type: Discrete Width: 16 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Alimenticio		1	20%
Anidamiento aves		1	20%
Proteccion		1	20%
Resina		1	20%
mimbre		1	20%

**LUD\_FNODESIGNATION: Sin Designación/No designation**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0211 Standard deviation: 0.144  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
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0		1393	97.9%
1		30	2.1%

### LUD\_FORESTMANAGEMENTPLAN: Plan de manejo según designación de uso/Forest management plan (83a)

Data file: aa\_landusedescription\_1

#### Overview

Valid: 641 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
TP00		37	5.8%
TP01		167	26.1%
TP02		37	5.8%
TP03		400	62.4%

### LUD\_PNOTAPPLY: ¿No aplica? plan de manejo por producto/Not apply

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0703 Standard deviation: 0.256

Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1323	93%
1		100	7%

### LUD\_PCOMMERCIALWOOD: ¿madera comercial? plan de manejo por producto/Commercial wood

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0745 Standard deviation: 0.263

Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		1317	92.6%
1		106	7.4%

---

### **LUD\_PNONCOMMWOOD: ¿madera no comercial? plan de manejo por producto/Non commercial wood**

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00703 Standard deviation: 0.0836  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		1413	99.3%
1		10	0.7%

---

### **LUD\_PFUELWOOD: ¿leña? plan de manejo por producto/Fuel wood**

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00422 Standard deviation: 0.0648  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		1417	99.6%
1		6	0.4%

---

### **LUD\_PRESINE: ¿Resina? plan de manejo por producto/Resine**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00843 Standard deviation: 0.0915  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1411	99.2%
1		12	0.8%

**LUD\_PNWFP: ¿productos no maderables? plan de manejo por producto/Non forest wood products**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.000703 Standard deviation: 0.0265  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1422	99.9%
1		1	0.1%

**LUD\_PWATER: ¿agua? plan de manejo por producto/Water**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0141 Standard deviation: 0.118  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1403	98.6%
1		20	1.4%

**LUD\_POTHER: ¿Otro producto? plan de manejo por producto/Other product**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1423	100%

**LUD\_PDESCRIBEOTHER: Descripción de otro producto/Describe other product**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 30 Invalid: 0  
 Type: Discrete Width: 19 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Area Protegida		2	6.7%
Area protegida		1	3.3%
BOSQUE CULTURAL		1	3.3%
CONCERVACION		1	3.3%
Conservacion		3	10%
PARQUE NACIONAL		3	10%
ZONA CULTURAL		6	20%
ZONA NUCLEO		7	23.3%
Zona sociocultural		4	13.3%
Zona sociocultutal		1	3.3%
zona sociocultural		1	3.3%

**LUD\_PNOPLAN: ¿sin plan de manejo? plan de manejo por producto/Without management plan**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.272 Standard deviation: 0.445

Type: Discrete    Decimal: 0    Width: 8    Format: Numeric    Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		1036	72.8%
1		387	27.2%

---

## **LUD\_FORESTFIREEVIDENCE: Tipo de evidencia de presencia de incendio/Fire evidence (85)**

Data file: aa\_landusedescription\_1

### Overview

Valid: 642    Invalid: 0  
 Type: Discrete    Width: 4    Format: character    Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
EI00		473	73.7%
EI01		77	12%
EI02		92	14.3%

---

## **LUD\_FIRELENGTH: Longitud del incendio en la parcela/Fire length (m) (86)**

Data file: aa\_landusedescription\_1

### Overview

Valid: 1423    Invalid: 0    Minimum: 0    Maximum: 250    Mean: 9.965    Standard deviation: 40.502  
 Type: Continuous    Decimal: 2    Width: 8    Format: Numeric    Weighted variable: 0

---

## **LUD\_FIRETYPE: Código del tipo de incendio/Fire type (87)**

Data file: aa\_landusedescription\_1

### Overview

Valid: 617    Invalid: 0  
 Type: Discrete    Width: 4    Format: character    Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
TI00		448	72.6%
TI01		2	0.3%
TI02		161	26.1%
TI03		4	0.6%
TI04		2	0.3%

### LUD\_ADNOTAPPLY: ¿No aplica? perturbación antropogénica/Not apply

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.105 Standard deviation: 0.307  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1273	89.5%
1		150	10.5%

### LUD\_ADNODISTURBANCE: ¿Sin intervención? perturbación antropogénica/Without disturbance

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.198 Standard deviation: 0.399  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1141	80.2%
1		282	19.8%

### LUD\_ADFORESTHARVEST: ¿Aprovechamiento forestal? perturbación antropogénica/Forest harvesting

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0478 Standard deviation: 0.213  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1355	95.2%
1		68	4.8%

**LUD\_ADFUELWOOD: ¿Extracción de leña? perturbación antropogénica/Fuel wood extraction**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0422 Standard deviation: 0.201  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1363	95.8%
1		60	4.2%

**LUD\_ADNWFPEXTRACTION: ¿Extracción de productos no maderables? perturbación antropogénica/Non wood forest product extraction**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00492 Standard deviation: 0.07  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1416	99.5%
1		7	0.5%

**LUD\_ADEXTENSIVELIVESTOCK: ¿Ganadería extensiva? perturbación antropogénica/Extensive livestock**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0365 Standard deviation: 0.188  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1371	96.3%
1		52	3.7%

**LUD\_ADFORESTFIRE: ¿Incendios? perturbación antropogénica/Forest fire**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0661 Standard deviation: 0.248  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1329	93.4%
1		94	6.6%

**LUD\_ADOTHER: ¿Otro? perturbación antropogénica/Other**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00562 Standard deviation: 0.0748  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1415	99.4%
1		8	0.6%

**LUD\_ADOTHERDESCRIPTION: Explicar otro de perturbación antropogénica/Explain other**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 8 Invalid: 0

Type: Discrete Width: 26 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
Cafe		1	12.5%
Cafe abandonado		1	12.5%
Caficultura		1	12.5%
POSTES PARA CERCA		1	12.5%
Poste de Roble para cerca		1	12.5%
anillamiento		1	12.5%
cultivo de cafe		1	12.5%
plagas		1	12.5%

**LUD\_ADMAGNITUDE: Magnitud de la perturbación antropogénica/Disturbance magnitude (94b)**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 619 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
MP00		411	66.4%
MP01		157	25.4%
MP04		51	8.2%

**LUD\_ISGALLERYFOREST: ¿Es un bosque de galería?/Is a gallery forest?**

Data file: aa\_landusedescription\_1

## Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0323 Standard deviation: 0.177  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1377	96.8%
1		46	3.2%

## LUD\_STANDSTRUCTURE: Código de la estructura del rodal/Stand structure (91)

Data file: aa\_landusedescription\_1

## Overview

Valid: 648 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
ER00		32	4.9%
ER01		212	32.7%
ER02		169	26.1%
ER03		136	21%
ER04		99	15.3%

## LUD\_STANDCANOPYCOVER: Código de la cobertura de copas/Canopy cover (92a)

Data file: aa\_landusedescription\_1

## Overview

Valid: 648 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
CR00		30	4.6%
CR01		160	24.7%

CR02		292	45.1%
CR03		166	25.6%

### LUD\_STANDORIGIN: Código del origen del rodal/Satand origin (90)

Data file: aa\_landusedescription\_1

#### Overview

Valid: 645 Invalid: 0  
Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
OR00		24	3.7%
OR01		4	0.6%
OR02		617	95.7%

### LUD\_FORESTHARVESTINGEVI: Evidencia de aprovechamiento forestal/Forest harvesting evidence?

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.134 Standard deviation: 0.34  
Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1233	86.6%
1		190	13.4%

### LUD\_HFNOTAPPLY: ¿No aplica?, productos de aprovechamiento forestal/Not apply

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.296 Standard deviation: 0.457  
Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1002	70.4%
1		421	29.6%

### LUD\_HFWOOD: ¿Madera?, productos de aprovechamiento forestal/Wood

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0829 Standard deviation: 0.276  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1305	91.7%
1		118	8.3%

### LUD\_HFFUELWOOD: ¿Leña?, productos de aprovechamiento forestal/Fuel wood

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0801 Standard deviation: 0.272  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		1309	92%
1		114	8%

### LUD\_HFPOLE: ¿Postes?, productos de aprovechamiento forestal/Poles

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0253 Standard deviation: 0.157

Type: Discrete    Decimal: 0    Width: 8    Format: Numeric    Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		1387	97.5%
1		36	2.5%

---

### **LUD\_HFOTHER: ¿Otro?, productos de aprovechamiento forestal/Other**

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423    Invalid: 0    Minimum: 0    Maximum: 1    Mean: 0.0126    Standard deviation: 0.112  
 Type: Discrete    Decimal: 0    Width: 8    Format: Numeric    Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		1405	98.7%
1		18	1.3%

---

### **LUD\_HFDESCRIBEOTHER: Explicar otros en productos de aprovechamiento forestal/Explain other**

Data file: aa\_landusedescription\_1

#### Overview

Valid: 0    Invalid: 0  
 Type: Discrete    Width: 1    Format: character    Weighted variable: 0

---

### **LUD\_HARVESTGOAL: Código del objetivo de aprovechamiento/Harvesting objective (95b)**

Data file: aa\_landusedescription\_1

#### Overview

Valid: 0    Invalid: 0  
 Type: Discrete    Width: 1    Format: character    Weighted variable: 0

---

### **LUD\_HARVESTEVIDENCE: Evidencia de aprovechamiento/Harvesting evidence? (95)**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.134 Standard deviation: 0.34  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1233	86.6%
1		190	13.4%

**LUD\_HARVESTAGREEMENT: Convenio de aprovechamiento/Harvesting agreement (95c)**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 632 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
CA00		433	68.5%
CA01		155	24.5%
CA02		19	3%
CA03		7	1.1%
CA04		14	2.2%
CA05		4	0.6%

**LUD\_HOTHERAGREEMENT: Explicar otro de convenio de aprovechamiento/Explain other (agreement)**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 11 Invalid: 0  
 Type: Discrete Width: 30 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

Acuerdo con grupo campesino		1	9.1%
Acuerdos con grupo campesino		3	27.3%
Subasta publica		3	27.3%
contratos anuales de 1000 m3		1	9.1%
el area no ha sido aprovechada		3	27.3%

### LUD\_STNOTAPPLY: ¿No aplica?, en tipo de tratamiento silvicultural/Not apply

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.386 Standard deviation: 0.487  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		874	61.4%
1		549	38.6%

### LUD\_STTHINNINGFB: ¿Raleos por bajo?, en tipo de tratamiento silvicultural/Thinning from below

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00141 Standard deviation: 0.0375  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1421	99.9%
1		2	0.1%

### LUD\_STPRECOMMERCIALTHIN: ¿Raleos precomerciales?, en tipo de tratamiento silvicultural/Precommercial thinning

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00351 Standard deviation: 0.0592  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1418	99.6%
1		5	0.4%

**LUD\_STPRUNING: ¿Podas?, en tipo de tratamiento silvicultural/Pruning**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1423	100%

**LUD\_STTOTALCUTTING: ¿Tala rasa? en tratamiento silvicultural/Total cutting**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1423	100%

**LUD\_STSELECTIVECUTTING: ¿Corta selectiva? en tratamiento silvicultural/Selective cutting**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0464 Standard deviation: 0.21  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1357	95.4%
1		66	4.6%

**LUD\_STCUTNURSERYTREES: ¿liberación de árboles semilleros?, en tipo de tratamiento silvicultural/Release tree nursery**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00492 Standard deviation: 0.07  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1416	99.5%
1		7	0.5%

**LUD\_STSANITARYCUTTING: ¿Corta de saneamiento? en tratamiento silvicultural/Sanitation cutting**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00492 Standard deviation: 0.07  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1416	99.5%
1		7	0.5%

### LUD\_STVINESCUTTING: ¿Eliminación de lianas y bejucos?, en tipo de tratamiento silvicultural/Vines cutting

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0  
Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1423	100%

### LUD\_STPRESCRIBEDBURNED: ¿Quemas prescritas?, en tipo de tratamiento silvicultural/Prescribed burned

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0  
Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1423	100%

### LUD\_STOTHER: ¿Otros?, en tipo de tratamiento silvicultural/Other

Data file: aa\_landusedescription\_1

#### Overview

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00141 Standard deviation: 0.0375  
Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1421	99.9%
1		2	0.1%

**LUD\_STDESCRIBEOTHER: Explicar otro en tipo de tratamiento silvicultural/Explain other treatment**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 13 Invalid: 0

Type: Discrete Width: 20 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
CORTE SIN DE MANEJO		1	7.7%
RONDAS INDIVIDUALES		1	7.7%
Rondas individuales		9	69.2%
SIN MANEJO		1	7.7%
rondas individuales		1	7.7%

**LUD\_CUTTINGTECH: Código de la tecnología de corte/Cutting technology (97a)**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 649 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
TC00		427	65.8%
TC01		118	18.2%
TC02		3	0.5%
TC03		91	14%
TC04		10	1.5%

**LUD\_DESCRIBEOTHERCUTTECH: Explicar otro en tipo de corte/Explain other cutting method**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 1 Format: character Weighted variable: 0

**LUD\_TRANSPTECH: Código de la tecnología de arrastre/Transportation technology (97b)**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 648 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
TR00		427	65.9%
TR01		22	3.4%
TR02		102	15.7%
TR03		85	13.1%
TR05		12	1.9%

**LUD\_DESCRTRANSTECH: Explicar otro en tipo de arrastre/Explain other transportation**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 0 Invalid: 0  
 Type: Discrete Width: 1 Format: character Weighted variable: 0

**LUD\_TIMESTAMP: Tempo que tomó coleccionar los datos/Time (second) to collect data of the record**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1423	100%

**LUD\_COMPLETE: Está completo el registro?/Is the record complete?**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1423	100%

**LUD\_DATEOFCREATION: Fecha de creación del registro/Date and time of record creation**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Minimum: 2015-12-01 Maximum: 2015-12-01  
 Type: Discrete Width: 20 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2015-12-01		1423	100%

**LUD\_LANDUSELEVEL1: Código del uso de la tierra en el nivel 1 (bosque y no bosque)/Land use level 1 (Forest and not forest)**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1422 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
N101		628	44.2%
N102		736	51.8%
N103		58	4.1%

**LUD\_LANDUSELEVEL2: Código del uso de la tierra en el nive 2/Land use level 2**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1422 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
N200		55	3.9%
N201		281	19.8%
N202		216	15.2%
N203		70	4.9%
N204		6	0.4%
N205		191	13.4%
N206		506	35.6%
N207		39	2.7%
N208		58	4.1%

**LUD\_FIREAREA: Área del incendio (ha)/Fire area (ha)**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1423 Invalid: 0 Minimum: 0 Maximum: 25 Mean: 0.996 Standard deviation: 4.05  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**LUD\_AREAPROPORTION: Proporción de área**

Data file: aa\_landusedescription\_1

**Overview**

Valid: 1422 Invalid: 1 Minimum: 0.00045 Maximum: 0.25 Mean: 0.126 Standard deviation: 0.0848  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**LUD\_POTENTIALFOREST: Bosque potencial REDD+**

Data file: aa\_landusedescription\_1

## Overview

Valid: 1422 Invalid: 0

Type: Discrete Width: 2 Format: character Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
01		283	19.9%
02		261	18.4%
03		3	0.2%
04		81	5.7%
05		736	51.8%
06		58	4.1%

---

**PLO\_INVENTORYNUMBER: Número de inventario/Inventory number**

Data file: aa\_plot\_1

**Overview**

Valid: 724 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		724	100%

**PLO\_MEASUREMENTNUMBER: Número de medición/Measurement number**

Data file: aa\_plot\_1

**Overview**

Valid: 724 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		724	100%

**PLO\_TRACTNUMBER: Número de unidad de muestreo/Tract number**

Data file: aa\_plot\_1

**Overview**

Valid: 724 Invalid: 0 Minimum: 1 Maximum: 339 Mean: 173.917 Standard deviation: 99.794  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**PLO\_PLOTNUMBER: Número de parcela/Plot number**

Data file: aa\_plot\_1

**Overview**

Valid: 724 Invalid: 0 Minimum: 1 Maximum: 4 Mean: 2.5 Standard deviation: 1.119  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		181	25%
2		181	25%
3		181	25%
4		181	25%

### PLO\_DATEDAY1: Fecha medición del día 1/Measure date day 1

Data file: aa\_plot\_1

#### Overview

Valid: 724 Minimum: 2005-09-21 Maximum: 2006-11-30

Type: Discrete Width: 20 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2005-09-21		1	0.1%
2005-11-08		1	0.1%
2005-11-09		6	0.8%
2005-11-10		6	0.8%
2005-11-11		2	0.3%
2005-11-12		1	0.1%
2005-11-14		1	0.1%
2005-11-15		4	0.6%
2005-11-16		5	0.7%
2005-11-17		2	0.3%
2005-11-23		6	0.8%
2005-11-24		7	1%
2005-11-25		2	0.3%
2005-11-26		1	0.1%
2005-11-29		4	0.6%
2005-11-30		8	1.1%
2005-12-01		10	1.4%
2005-12-02		3	0.4%
2005-12-03		1	0.1%

2005-12-06		1	0.1%
2005-12-07		10	1.4%
2005-12-08		10	1.4%
2005-12-09		10	1.4%
2005-12-10		3	0.4%
2005-12-11		9	1.2%
2005-12-12		3	0.4%
2005-12-13		4	0.6%
2005-12-14		6	0.8%
2005-12-15		9	1.2%
2005-12-16		1	0.1%
2005-12-17		2	0.3%
2005-12-20		1	0.1%
2005-12-21		4	0.6%
2005-12-22		4	0.6%
2005-12-27		7	1%
2005-12-28		15	2.1%
2005-12-29		12	1.7%
2005-12-30		4	0.6%
2005-12-31		1	0.1%
2006-01-02		1	0.1%
2006-01-03		2	0.3%
2006-01-04		2	0.3%
2006-01-06		3	0.4%
2006-01-07		1	0.1%
2006-01-09		4	0.6%
2006-01-10		13	1.8%
2006-01-11		11	1.5%
2006-01-12		14	1.9%
2006-01-13		8	1.1%
2006-01-14		4	0.6%
2006-01-15		4	0.6%
2006-01-16		4	0.6%
2006-01-17		4	0.6%
2006-01-18		2	0.3%
2006-01-20		5	0.7%
2006-01-23		1	0.1%
2006-01-24		9	1.2%
2006-01-25		6	0.8%

2006-01-26		4	0.6%
2006-01-28		1	0.1%
2006-01-30		1	0.1%
2006-01-31		1	0.1%
2006-02-01		4	0.6%
2006-02-02		4	0.6%
2006-02-03		5	0.7%
2006-02-04		7	1%
2006-02-06		4	0.6%
2006-02-07		5	0.7%
2006-02-08		5	0.7%
2006-02-09		6	0.8%
2006-02-10		4	0.6%
2006-02-16		2	0.3%
2006-02-17		8	1.1%
2006-02-18		3	0.4%
2006-02-22		1	0.1%
2006-02-23		2	0.3%
2006-02-24		5	0.7%
2006-02-25		1	0.1%
2006-02-27		3	0.4%
2006-02-28		4	0.6%
2006-03-01		2	0.3%
2006-03-02		2	0.3%
2006-03-03		1	0.1%
2006-03-04		3	0.4%
2006-03-08		5	0.7%
2006-03-09		1	0.1%
2006-03-10		2	0.3%
2006-03-13		3	0.4%
2006-03-17		4	0.6%
2006-03-21		3	0.4%
2006-03-22		8	1.1%
2006-03-23		1	0.1%
2006-03-28		1	0.1%
2006-03-29		1	0.1%
2006-03-30		2	0.3%
2006-04-03		3	0.4%
2006-04-07		1	0.1%

2006-04-10		2	0.3%
2006-04-11		2	0.3%
2006-04-20		3	0.4%
2006-04-21		3	0.4%
2006-04-23		2	0.3%
2006-04-24		4	0.6%
2006-04-25		2	0.3%
2006-04-27		5	0.7%
2006-04-28		4	0.6%
2006-04-29		6	0.8%
2006-04-30		3	0.4%
2006-05-01		6	0.8%
2006-05-02		6	0.8%
2006-05-03		2	0.3%
2006-05-04		6	0.8%
2006-05-05		6	0.8%
2006-05-07		1	0.1%
2006-05-08		3	0.4%
2006-05-09		3	0.4%
2006-05-10		7	1%
2006-05-11		10	1.4%
2006-05-12		6	0.8%
2006-05-13		5	0.7%
2006-05-14		1	0.1%
2006-05-15		10	1.4%
2006-05-16		8	1.1%
2006-05-17		13	1.8%
2006-05-18		6	0.8%
2006-05-19		2	0.3%
2006-05-20		2	0.3%
2006-05-22		8	1.1%
2006-05-23		8	1.1%
2006-05-24		4	0.6%
2006-05-25		7	1%
2006-05-26		5	0.7%
2006-05-30		6	0.8%
2006-05-31		5	0.7%
2006-06-01		6	0.8%
2006-06-05		2	0.3%

2006-06-06		4	0.6%
2006-06-08		4	0.6%
2006-06-28		4	0.6%
2006-06-30		3	0.4%
2006-07-01		1	0.1%
2006-07-12		1	0.1%
2006-07-13		6	0.8%
2006-07-14		3	0.4%
2006-07-15		1	0.1%
2006-07-19		1	0.1%
2006-07-20		1	0.1%
2006-07-21		2	0.3%
2006-07-29		1	0.1%
2006-07-30		1	0.1%
2006-07-31		2	0.3%
2006-08-14		1	0.1%
2006-08-15		8	1.1%
2006-08-21		5	0.7%
2006-08-22		12	1.7%
2006-08-23		4	0.6%
2006-08-29		28	3.9%
2006-08-30		28	3.9%
2006-09-04		4	0.6%
2006-11-30		1	0.1%

## PLO\_STARTTIMEDAY1: Hora de inicio de medición en el día 1/Starting time day 1

Data file: aa\_plot\_1

### Overview

Valid: 724 Minimum: 1899-12-30 Maximum: 1899-12-30

Type: Discrete Width: 20 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1899-12-30		724	100%

**PLO\_ENDTIMEDAY1: Hora fin de medición en el día 2/End time day 1**

Data file: aa\_plot\_1

**Overview**

Valid: 724 Minimum: 1899-12-30 Maximum: 1899-12-30  
 Type: Discrete Width: 20 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1899-12-30		724	100%

**PLO\_DATEDAY2: Fecha medición del día 2/Measure date day 2**

Data file: aa\_plot\_1

**Overview**

Valid: 23 Minimum: 2005-11-12 Maximum: 2006-08-01  
 Type: Discrete Width: 20 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2005-11-12		1	4.3%
2005-11-25		1	4.3%
2005-11-30		1	4.3%
2005-12-12		2	8.7%
2006-01-12		1	4.3%
2006-01-30		1	4.3%
2006-01-31		2	8.7%
2006-02-01		1	4.3%
2006-02-02		1	4.3%
2006-02-03		1	4.3%
2006-02-18		1	4.3%
2006-02-25		1	4.3%
2006-03-09		1	4.3%
2006-03-11		1	4.3%
2006-03-23		1	4.3%
2006-04-28		1	4.3%
2006-05-17		1	4.3%

2006-07-01		1	4.3%
2006-07-22		1	4.3%
2006-07-31		1	4.3%
2006-08-01		1	4.3%

## PLO\_STARTTIMEDAY2: Hora de inicio de medición en el día 2/Starting time day 2

Data file: aa\_plot\_1

### Overview

Valid: 24 Minimum: 1899-12-30 Maximum: 1899-12-30  
 Type: Discrete Width: 20 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1899-12-30		24	100%

## PLO\_ENDTIMEDAY2: Hora de fin de medición en el día 2/End time day 2

Data file: aa\_plot\_1

### Overview

Valid: 23 Minimum: 1899-12-30 Maximum: 1899-12-30  
 Type: Discrete Width: 20 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1899-12-30		23	100%

## PLO\_DATUM: Datum de las coordenadas/Datum of the coordinates

Data file: aa\_plot\_1

### Overview

Valid: 724 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
02		724	100%

### **PLO\_DISTANCEFROMMARK: Distancia desde la marca la punto de inicio/Distance from marker to plot start point**

Data file: aa\_plot\_1

#### **Overview**

Valid: 724 Invalid: 0 Minimum: 0 Maximum: 1500 Mean: 3.905 Standard deviation: 57.499  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### **PLO\_BEARINGFROMMARK: Azimut desde la marca al punto de inicio/Bearing from marker to plot start point**

Data file: aa\_plot\_1

#### **Overview**

Valid: 724 Invalid: 0 Minimum: 0 Maximum: 360 Mean: 6.709 Standard deviation: 41.137  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### **PLO\_ELEVATION: Elevación msnm/Elevation mosl**

Data file: aa\_plot\_1

#### **Overview**

Valid: 719 Invalid: 5 Minimum: -99 Maximum: 2452 Mean: 558.701 Standard deviation: 510.978  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

### **PLO\_TIMESTAMP: Estampilla de tiempo/Time (second) spent in data collect of tract**

Data file: aa\_plot\_1

#### **Overview**

Valid: 724 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### **Questions and instructions**

#### CATEGORIES

Value	Category	Cases	
0		724	100%

**PLO\_COMPLETE: Está el registro completo?/Is the record complete?**

Data file: aa\_plot\_1

**Overview**

Valid: 724 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		724	100%

**PLO\_DATEOFCREATION: Fecha de creación del registro/Date and time of record creation**

Data file: aa\_plot\_1

**Overview**

Valid: 724 Minimum: 2015-12-01 Maximum: 2015-12-01  
 Type: Discrete Width: 20 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2015-12-01		724	100%

**PLO\_POPULATIONTEMP: Población estadística/Temporal statistical population**

Data file: aa\_plot\_1

**Overview**

Valid: 0 Invalid: 724  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category
Sysmiss	

**PLO\_DATEOFPREVIOUSMEASUREMENT: Fecha de la medición anterior/ Date of previous**

**measurement****Data file:** aa\_plot\_1**Overview**

Valid: 0

Type: Discrete    Width: 20    Format: character    Weighted variable: 0

**PLO\_PERIODELAPSED: Periodo de tiempo entre la medición actual y la medición previa****Data file:** aa\_plot\_1**Overview**

Valid: 0    Invalid: 724

Type: Discrete    Decimal: 2    Width: 8    Format: Numeric    Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category
Sysmiss	

**PLO\_PLOTVOLUME: Suma del volumen de la parcela/Sum of the volume in the plot****Data file:** aa\_plot\_1**Overview**

Valid: 724    Invalid: 0    Minimum: 0    Maximum: 245.043    Mean: 15.79    Standard deviation: 27.702

Type: Continuous    Decimal: 2    Width: 8    Format: Numeric    Weighted variable: 0

**PLO\_PREVIOUSVOLUME: Volumen de la parcela en la medición anterior/Volume of the plot in the previous measurement****Data file:** aa\_plot\_1**Overview**

Valid: 0    Invalid: 724

Type: Discrete    Decimal: 2    Width: 8    Format: Numeric    Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category
Sysmiss	

**PLO\_VOLUMEINCREMENT: Incremento anual del volumen en m3/ha/año****Data file: aa\_plot\_1****Overview**

Valid: 0 Invalid: 724

Type: Discrete Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

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## CATEGORIES

Value	Category
Sysmiss	

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**REG\_INVENTORYNUMBER: Número de inventario/Inventory number****Data file:** aa\_regeneration\_1**Overview**

Valid: 1303 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1303	100%

**REG\_MEASUREMENTNUMBER: Número de medición/Measurement number****Data file:** aa\_regeneration\_1**Overview**

Valid: 1303 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1303	100%

**REG\_TRACTNUMBER: Número de unidad de muestreo/Tract number****Data file:** aa\_regeneration\_1**Overview**

Valid: 1303 Invalid: 0 Minimum: 8 Maximum: 339 Mean: 155.265 Standard deviation: 93.843  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**REG\_PLOTNUMBER: Número de parcela/Plot number****Data file:** aa\_regeneration\_1**Overview**

Valid: 1303 Invalid: 0 Minimum: 1 Maximum: 4 Mean: 2.522 Standard deviation: 1.109  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		320	24.6%
2		301	23.1%
3		364	27.9%
4		318	24.4%

### REG\_REGENERATIONNUMBER: Número correlativo de la regeneración/Regeneration number

Data file: aa\_regeneration\_1

#### Overview

Valid: 1303 Invalid: 0 Minimum: 1 Maximum: 83 Mean: 15.731 Standard deviation: 16.187  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

### REG\_REGENERATIONPLOT: Número de la parcela de regeneración (1-3)/Regeneration plot number (1-3)

Data file: aa\_regeneration\_1

#### Overview

Valid: 1303 Invalid: 0 Minimum: 1 Maximum: 3 Mean: 1.959 Standard deviation: 0.81  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		455	34.9%
2		446	34.2%
3		402	30.9%

### REG\_LANDUSE: Número de CUT/Land use number

Data file: aa\_regeneration\_1

#### Overview

Valid: 1303 Invalid: 0 Minimum: 1 Maximum: 6 Mean: 1.515 Standard deviation: 0.95  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		925	71%
2		183	14%
3		127	9.7%
4		42	3.2%
5		22	1.7%
6		4	0.3%

## REG\_SPECIE: Especie de la regeneración/Regeneration species

Data file: aa\_regeneration\_1

### Overview

Valid: 1303 Invalid: 0

Type: Discrete Width: 6 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
ABIERE		1	0.1%
ACACCE		6	0.5%
ACACRU		3	0.2%
ACHANI		1	0.1%
ACOSPA		1	0.1%
ADELTR		1	0.1%
ALCHLA		1	0.1%
ALIBED		6	0.5%
AMAICO		4	0.3%
AMANGU		4	0.3%
AMPEHO		3	0.2%
ANDIIN		1	0.1%
ANDIJA		1	0.1%
ANNO01		1	0.1%
ARDI01		1	0.1%
ASPIME		2	0.2%
ASTRGR		4	0.3%

BAUHUN		1	0.1%
BELLCA		1	0.1%
BELO01		3	0.2%
BELOCA		1	0.1%
BILLCO		3	0.2%
BILLHI		1	0.1%
BIXAOR		1	0.1%
BOMBQU		1	0.1%
BROSAL		9	0.7%
BROSUT		1	0.1%
BRUNCO		2	0.2%
BUDDAM		4	0.3%
BURSSI		9	0.7%
BYRSCR		38	2.9%
BYRSSP		11	0.8%
CALPBR		18	1.4%
CALYCH		12	0.9%
CAMPPA		1	0.1%
CARAGU		11	0.8%
CASEAC		4	0.3%
CASSEM		2	0.2%
CASSGU		13	1%
CASSSP		1	0.1%
CASTEL		3	0.2%
CECR01		5	0.4%
CECRPE		1	0.1%
CEDROD		1	0.1%
CEIBPE		1	0.1%
CESPMA		5	0.4%
CHRYCA		3	0.2%
CLET01		44	3.4%
CLETME		5	0.4%
CLUS01		3	0.2%
CLYTBI		1	0.1%
COCCTU		16	1.2%
COCCUV		6	0.5%
COCHVI		1	0.1%
COJOAR		3	0.2%
CONOER		4	0.3%

CONOXA		1	0.1%
CORD01		2	0.2%
CORDAL		1	0.1%
CORDBI		3	0.2%
CORDDE		1	0.1%
CORDNI		19	1.5%
CRATTA		1	0.1%
CRESCU		5	0.4%
CROT01		2	0.2%
CROTNI		1	0.1%
CUPACI		3	0.2%
CUPAGL		4	0.3%
DENRAR		8	0.6%
DESC06		4	0.3%
DESCON		185	14.2%
DIALGU		6	0.5%
DIDYMO		2	0.2%
DIPHRO		3	0.2%
ENTEKY		1	0.1%
ERYTBE		1	0.1%
ESEALI		1	0.1%
EUGEJA		1	0.1%
EUGEST		1	0.1%
FICU01		3	0.2%
FICUCR		1	0.1%
GARCIN		11	0.8%
GENIAM		5	0.4%
GLIRSE		2	0.2%
GODMAE		2	0.2%
GRIACA		9	0.7%
GUAR01		3	0.2%
GUARGA		1	0.1%
GUARGL		1	0.1%
GUARKU		2	0.2%
GUAZUL		5	0.4%
HELI01		2	0.2%
HOMARA		1	0.1%
HUERCU		1	0.1%
HYERAL		1	0.1%

HYME01		1	0.1%
HYMECO		6	0.5%
HYMEME		1	0.1%
ILEXGU		8	0.6%
INGA01		17	1.3%
INGAVE		11	0.8%
JACACO		1	0.1%
KARWCA		4	0.3%
LAFOPU		1	0.1%
LAGURA		3	0.2%
LEUCLE		1	0.1%
LIPPMY		1	0.1%
LIQUST		9	0.7%
LONCMI		1	0.1%
LUEHCA		1	0.1%
LYSI01		4	0.3%
LYSIBA		3	0.2%
LYSISE		5	0.4%
MAGNYO		1	0.1%
MANIAC		4	0.3%
MANIZA		7	0.5%
MATAOP		1	0.1%
MELIAZ		1	0.1%
MELS01		1	0.1%
MICO01		42	3.2%
MICOAR		8	0.6%
MOSQJA		4	0.3%
MOURGL		3	0.2%
MOURMY		4	0.3%
MUNTCA		14	1.1%
MYRCFL		8	0.6%
MYRCSP		6	0.5%
NECT01		7	0.5%
NECTME		3	0.2%
NICOGI		2	0.2%
OCHRLA		2	0.2%
OCHRPY		1	0.1%
OREOPY		1	0.1%
ORMO01		1	0.1%

OSMOCO		2	0.2%
OURAIN		13	1%
PACHAQ		8	0.6%
PASSFO		2	0.2%
PAUTIZ		1	0.1%
PERAAR		1	0.1%
PERABA		3	0.2%
PERSAM		5	0.4%
PERYST		22	1.7%
PESCAR		7	0.5%
PINUCH		11	0.8%
PINUMI		8	0.6%
PINUOO		64	4.9%
PINUPA		1	0.1%
PINUTE		2	0.2%
PIPE01		4	0.3%
PISOAC		1	0.1%
POURBI		1	0.1%
POUT01		7	0.5%
POUTRE		1	0.1%
PROSCH		2	0.2%
PROSGL		1	0.1%
PROTSC		11	0.8%
PSEUSP		1	0.1%
PSIDGU		9	0.7%
PSYC01		1	0.1%
QUER01		55	4.2%
QUERAC		10	0.8%
QUERCO		28	2.1%
QUERCR		6	0.5%
QUERDA		1	0.1%
QUEROL		12	0.9%
QUERPE		13	1%
QUERSK		4	0.3%
REHDTR		2	0.2%
RHIZMA		3	0.2%
RIVIHU		3	0.2%
ROYSDU		7	0.5%
SAPI01		1	0.1%

SAPIGL		1	0.1%
SAPNSA		4	0.3%
SAUR01		6	0.5%
SCHEMO		3	0.2%
SCHI01		3	0.2%
SCIAEX		1	0.1%
SIMAGL		4	0.3%
SLOA01		8	0.6%
SLOATU		6	0.5%
SPONMO		9	0.7%
SPONPU		1	0.1%
STEMDO		2	0.2%
STYRAR		9	0.7%
SWARCU		1	0.1%
SWARPA		1	0.1%
SWIEHU		1	0.1%
SWIEMA		2	0.2%
SYMPGL		18	1.4%
SYMPVE		1	0.1%
TABEGU		5	0.4%
TABEIM		1	0.1%
TABERO		1	0.1%
TECOST		2	0.2%
TERMAM		10	0.8%
TERMOB		10	0.8%
TOXIST		6	0.5%
TREMMI		11	0.8%
TRICGL		2	0.2%
TRICPA		3	0.2%
VIROKO		12	0.9%
VIROSE		1	0.1%
VISMGU		3	0.2%
VOCH01		5	0.4%
VOCHF		1	0.1%
VOCHGU		2	0.2%
VOCHHO		1	0.1%
XYLOAR		4	0.3%
XYLOFR		5	0.4%
ZANT01		3	0.2%

ZANTFA		3	0.2%
lagura		1	0.1%

## REG\_COMMONNAME: Nombre común si no se conoce el nombre científico/Common name of the regeneration

Data file: aa\_regeneration\_1

### Overview

Valid: 164 Invalid: 0

Type: Discrete Width: 28 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
Basparat		1	0.6%
Basporat.		1	0.6%
Bijagua		1	0.6%
Bijao		2	1.2%
Buhkima - Miskito		9	5.5%
Butunte		2	1.2%
Cafe		3	1.8%
Candelero		2	1.2%
Canfura		6	3.7%
Carbon De Monta±a		2	1.2%
Caulote Negro		1	0.6%
Ca±a Santa		1	0.6%
Cenizo Azul		1	0.6%
Chanjera		1	0.6%
Chichicaste		2	1.2%
Chimiche		1	0.6%
Chinan		4	2.4%
Chintorola		1	0.6%
Chupa		1	0.6%
Cirin De Monta±a		1	0.6%
Cofalio		1	0.6%
Cordoncillo		6	3.7%
Costilla De Danto		4	2.4%
Cromalasy - Miskito		3	1.8%
Crucero		1	0.6%

Crumalasy - Miskito	1	0.6%
Crumalasy Wainka - Miskito	1	0.6%
Cuajichote	1	0.6%
Endedor	4	2.4%
Escalera De Mono	1	0.6%
Esmeralda	3	1.8%
Fosforito	1	0.6%
Goupia Glabra	4	2.4%
Granilla	2	1.2%
Guaco	1	0.6%
Guajican	1	0.6%
Guayacan Lizo	1	0.6%
Guilgueria	1	0.6%
Hoja Blanca	2	1.2%
Juanita	2	1.2%
Kamh Manka - Miskito	2	1.2%
Kurpa	1	0.6%
Kusu Pata - Miskito	2	1.2%
Lula Sahra - Miskito	1	0.6%
Machaste	1	0.6%
Mango MontaÑ±a	1	0.6%
Mangostino	3	1.8%
Mentol	1	0.6%
Mexicano	1	0.6%
Moco	6	3.7%
Montecillo	1	0.6%
Monton	3	1.8%
Mozote	1	0.6%
Mumuja	1	0.6%
Nicaragua	1	0.6%
Oreja De Burro	1	0.6%
Oreja De Perro	2	1.2%
Pacaya	1	0.6%
Pacaya Negra	1	0.6%
Palo Cachimbo O Palo De Pipa	1	0.6%
Palo De Gato	1	0.6%
Papaya Silvestre	1	0.6%
Pascualillo	1	0.6%
Pasmado	2	1.2%

Petatillo		1	0.6%
Piñon		1	0.6%
Platanillo		1	0.6%
Plumilla		1	0.6%
Riaguja		1	0.6%
Rumo		1	0.6%
Sangriento		1	0.6%
Sciadodendrum Exelsum		1	0.6%
Sereno		2	1.2%
Sih - Miskito		1	0.6%
Sile		1	0.6%
Silpin		2	1.2%
Sirin De Montaña		1	0.6%
Slian - Miskito		12	7.3%
Snik Snika - Miskito		2	1.2%
Sul Sul - Miskito		2	1.2%
Surumuya		1	0.6%
Tapa Queso		1	0.6%
Tiniska Pata - Miskito		1	0.6%
Tres Puntas		1	0.6%
Trompillo		2	1.2%
Tusa		1	0.6%
Uphka		1	0.6%
Vara Hedionda		1	0.6%
Vara Negra		1	0.6%
Yaro Colorado		1	0.6%
Yorasan		1	0.6%

### REG\_FREQUENCY: Frecuencia de plantas en la parcela/Frequency of the specie

Data file: aa\_regeneration\_1

#### Overview

Valid: 1303 Invalid: 0 Minimum: 1 Maximum: 36 Mean: 3.099 Standard deviation: 3.628  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

### REG\_TIMESTAMP: Tiempo para colectar los datos/Time (second) to collect data of the record

Data file: aa\_regeneration\_1

**Overview**

Valid: 1303 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1303	100%

**REG\_COMPLETE: Es un registro completo?/Is the record complete?**

Data file: aa\_regeneration\_1

**Overview**

Valid: 1303 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1303	100%

**REG\_DATEOFCREATION: Fecha de creación del registro/Date and time of record creation**

Data file: aa\_regeneration\_1

**Overview**

Valid: 1303 Minimum: 2015-12-01 Maximum: 2015-12-01  
 Type: Discrete Width: 20 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2015-12-01		1303	100%

**REG\_REGENERATIONHA: Cantidad de plantas por hectárea/Regeneration by hectare**

Data file: aa\_regeneration\_1

**Overview**

Valid: 1303 Invalid: 0 Minimum: 16.667 Maximum: 600.001 Mean: 51.65 Standard deviation: 60.465

Type: Continuous    Decimal: 2    Width: 8    Format: Numeric    Weighted variable: 0

**REG\_LANDUSECODE: Código del uso de la tierra-Land use**

Data file: aa\_regeneration\_1

**Overview**

Valid: 1303    Invalid: 0

Type: Discrete    Width: 6    Format: character    Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
CUA		19	1.5%
CUCa		9	0.7%
CUH		2	0.2%
CUL0D		41	3.1%
CUL0I		54	4.1%
CUL0R		23	1.8%
CUL1D		115	8.8%
CUL1E		3	0.2%
CUL1I		159	12.2%
CUL1R		39	3%
CUL2D		111	8.5%
CUL2I		40	3.1%
CUL2R		24	1.8%
CULBS		77	5.9%
CULP		165	12.7%
CUMg1I		1	0.1%
CUMg2I		6	0.5%
CUMx0D		9	0.7%
CUMx0R		1	0.1%
CUMx1D		24	1.8%
CUMx1I		31	2.4%
CUMx1R		43	3.3%
CUMx2D		14	1.1%
CUMx2I		36	2.8%
CUMx2R		2	0.2%
CUP0D		4	0.3%
CUP0I		17	1.3%

CUP0R		1	0.1%
CUP1D		12	0.9%
CUP1I		72	5.5%
CUP1R		42	3.2%
CUP2D		23	1.8%
CUP2E		14	1.1%
CUP2I		35	2.7%
CUP2R		15	1.2%
CUPna		8	0.6%
CUPr		12	0.9%

### REG\_LANDUSELEVEL1: Código del uso de la tierra en el nivel 1 (bosque y no bosque)/Land use level 1 (Forest and not forest)

Data file: aa\_regeneration\_1

#### Overview

Valid: 1303 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
N101		1265	97.1%
N102		38	2.9%

### REG\_LANDUSELEVEL2: Código del uso de la tierra en el nive 2/Land use level 2

Data file: aa\_regeneration\_1

#### Overview

Valid: 1303 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
N200		77	5.9%
N201		774	59.4%
N202		247	19%

N203		160	12.3%
N204		7	0.5%
N205		27	2.1%
N206		11	0.8%

### REG\_LANDUSELEVEL3: Uso de la tierra en el nivel 3/Land use level 3

Data file: aa\_regeneration\_1

#### Overview

Valid: 1303 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
N300		77	5.9%
N301		165	12.7%
N302		175	13.4%
N303		316	24.3%
N304		118	9.1%
N305		87	6.7%
N306		126	9.7%
N307		22	1.7%
N308		12	0.9%
N309		52	4%
N310		98	7.5%
N311		10	0.8%
N312		6	0.5%
N313		1	0.1%
N315		27	2.1%
N316		11	0.8%

### REG\_LANDUSEFAO: Uso de la tierra según categoría de FAO/Land use FAO classes

Data file: aa\_regeneration\_1

#### Overview

Valid: 1303 Invalid: 0

Type: Discrete Width: 2 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
01		1265	97.1%
02		27	2.1%
03		9	0.7%
04		2	0.2%

## REG\_LANDUSEMAP1995: Uso de la tierra según el mapa de 1995/Land use map 1995

Data file: aa\_regeneration\_1

### Overview

Valid: 1303 Invalid: 0  
 Type: Discrete Width: 5 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
CFBCD		39	3%
CFBCR		208	16%
CFBLA		851	65.3%
CFBMI		160	12.3%
CFBOM		7	0.5%
CFLAL		2	0.2%
CFTSB		36	2.8%

## REG\_LANDUSEMAP2009: Uso de la tierra según mapa del 2009/Land use map 2009

Data file: aa\_regeneration\_1

### Overview

Valid: 1303 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
01		39	3%

02		208	16%
03		160	12.3%
04		774	59.4%
05		7	0.5%
06		77	5.9%
08		9	0.7%
09		8	0.6%
10		19	1.5%
13		2	0.2%

## REG\_LANDUSEMAP2014: Uso de la tierra según el mapa del 2014/Land use map 2014

Data file: aa\_regeneration\_1

### Overview

Valid: 1303 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
01		774	59.4%
02		77	5.9%
03		160	12.3%
04		39	3%
05		208	16%
06		7	0.5%
09		19	1.5%
11		9	0.7%
12		8	0.6%
23		2	0.2%

## REG\_PLOTTYPE: Tipo de parcela/Plot type

Data file: aa\_regeneration\_1

### Overview

Valid: 1303 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
1		1303	100%

---

## REG\_POTENTIALFOREST: Bosque potencial REDD+

Data file: aa\_regeneration\_1

### Overview

Valid: 1303 Invalid: 0

Type: Discrete Width: 2 Format: character Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
01		328	25.2%
02		817	62.7%
03		4	0.3%
04		116	8.9%
05		38	2.9%

---

**SPU\_INVENTORYNUMBER: Número de inventario/Inventory number**

Data file: aa\_speciesuses\_1

**Overview**

Valid: 1926 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1926	100%

**SPU\_MEASUREMENTNUMBER: Número de medición/Measurement number**

Data file: aa\_speciesuses\_1

**Overview**

Valid: 1926 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1926	100%

**SPU\_TRACTNUMBER: Número de UM/Tract or sampling unit number**

Data file: aa\_speciesuses\_1

**Overview**

Valid: 1926 Invalid: 0 Minimum: 1 Maximum: 339 Mean: 163.153 Standard deviation: 97.157  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**SPU\_SPECIENUMBER: Número de especie/Number of specie**

Data file: aa\_speciesuses\_1

**Overview**

Valid: 1926 Invalid: 0 Minimum: 1 Maximum: 42 Mean: 9.541 Standard deviation: 7.599  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**SPU\_SPECIE: Especie/Specie code**

Data file: aa\_speciesuses\_1

**Overview**

Valid: 1926 Invalid: 0

Type: Discrete Width: 6 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
ACACAN		1	0.1%
ACACCE		15	0.8%
ACACDE		1	0.1%
ACACDO		1	0.1%
ACACFA		4	0.2%
ACACPE		1	0.1%
ALBIAD		2	0.1%
ALBIGU		7	0.4%
ALCHLA		10	0.5%
AMPEHO		1	0.1%
AMYR01		1	0.1%
AMYRBA		1	0.1%
ANACOC		3	0.2%
ANDIIN		3	0.2%
ANDIJA		5	0.3%
APEIAS		4	0.2%
ARAUCU		1	0.1%
ASTRGR		11	0.6%
AVICGE		1	0.1%
AZADIN		2	0.1%
BAUHUN		1	0.1%
BOMBQU		8	0.4%
BROSAL		15	0.8%
BROSCO		1	0.1%
BROSGU		1	0.1%
BROSLA		1	0.1%
BROSUT		2	0.1%
BRUNCO		3	0.2%
BURSSI		43	2.2%
BYRSCR		41	2.1%

BYRSSP		2	0.1%
CAESCO		2	0.1%
CAESVE		1	0.1%
CALACA		2	0.1%
CALL01		2	0.1%
CALPBR		22	1.1%
CALYCA		5	0.3%
CAMPPA		2	0.1%
CARAGU		7	0.4%
CASESY		1	0.1%
CASIED		6	0.3%
CASSGR		8	0.4%
CASSSI		1	0.1%
CASSSP		5	0.3%
CASTEL		1	0.1%
CASTTU		1	0.1%
CASUEQ		1	0.1%
CECR01		59	3.1%
CEDLAN		2	0.1%
CEDLFI		2	0.1%
CEDROD		20	1%
CEIBPE		24	1.2%
CELT01		2	0.1%
CESPMA		1	0.1%
CHIMPA		1	0.1%
CHLOEX		5	0.3%
CHRYCA		11	0.6%
CHRYIC		1	0.1%
CITR01		3	0.2%
CITRSI		9	0.5%
CLET01		31	1.6%
CLUS01		1	0.1%
COCCTU		2	0.1%
COCCUV		4	0.2%
COCHVI		10	0.5%
COJOAR		3	0.2%
CORD01		6	0.3%
CORDAL		43	2.2%
CORDBI		17	0.9%

CORDDE		6	0.3%
CRESAL		12	0.6%
CROT01		4	0.2%
CROTGO		1	0.1%
CUPACI		1	0.1%
CUPRLU		1	0.1%
CYNORE		1	0.1%
DALBGL		1	0.1%
DALBRE		4	0.2%
DALBTU		3	0.2%
DENRAR		5	0.3%
DESCON		52	2.7%
DIALGU		18	0.9%
DIDYMO		4	0.2%
DIPHRO		5	0.3%
DIPTPA		4	0.2%
ENTEKY		14	0.7%
ERYTBE		11	0.6%
ERYTFU		1	0.1%
ERYTPO		1	0.1%
ERYTPR		2	0.1%
EUCACI		1	0.1%
EUGEST		6	0.3%
EUTEPR		2	0.1%
FICUCR		15	0.8%
FICUWE		7	0.4%
GARCIN		2	0.1%
GENIAM		7	0.4%
GLIRSE		27	1.4%
GODMAE		4	0.2%
GOETME		2	0.1%
GREVRO		2	0.1%
GRIACA		2	0.1%
GUAR01		11	0.6%
GUARGA		6	0.3%
GUAZUL		47	2.4%
HAEMBR		2	0.1%
HEVEBR		1	0.1%
HEVENI		1	0.1%

HIBIEL		1	0.1%
HIERPO		1	0.1%
HYME01		4	0.2%
HYMECO		12	0.6%
INGA01		46	2.4%
INGADE		4	0.2%
INGALA		2	0.1%
INGAPA		1	0.1%
INGAPU		6	0.3%
INGAVE		22	1.1%
IRYAGR		1	0.1%
JACACO		10	0.5%
JACAMI		4	0.2%
JUGLBO		2	0.1%
JUGLOL		3	0.2%
KARWCA		5	0.3%
LAETPR		1	0.1%
LAFOPU		1	0.1%
LAGURA		1	0.1%
LEUCCO		1	0.1%
LEUCDI		3	0.2%
LEUCLE		1	0.1%
LICAAR		2	0.1%
LICAPL		2	0.1%
LIQUST		16	0.8%
LONCMI		11	0.6%
LUEHCA		8	0.4%
LUEHSP		1	0.1%
LYSI01		13	0.7%
LYSIBA		9	0.5%
LYSIKE		1	0.1%
LYSISE		7	0.4%
MANGIN		20	1%
MANIAC		5	0.3%
MELIAZ		1	0.1%
MICO01		12	0.6%
MIMOPL		1	0.1%
MUNTCA		25	1.3%
MYRXBA		1	0.1%

NECT01		12	0.6%
NECTCO		2	0.1%
NOLIST		128	6.6%
OCHRLA		8	0.4%
OCOT01		7	0.4%
OCOTCO		2	0.1%
OCOTDE		2	0.1%
ORMO01		3	0.2%
PACHAQ		6	0.3%
PARAAM		1	0.1%
PAUTIZ		1	0.1%
PERC01		3	0.2%
PERS01		12	0.6%
PERSAM		26	1.3%
PERSCA		1	0.1%
PERSSC		1	0.1%
PESCAR		2	0.1%
PINUCC		1	0.1%
PINUCH		20	1%
PINUMI		11	0.6%
PINUOO		46	2.4%
PINUPA		1	0.1%
PITHPS		1	0.1%
PITHSA		5	0.3%
PLAMPL		2	0.1%
PLAMPO		3	0.2%
PLOCBU		1	0.1%
PODOOL		3	0.2%
POUT01		20	1%
POUTRE		1	0.1%
PROSCH		9	0.5%
PROTCO		4	0.2%
PSEUSP		1	0.1%
PSIDGU		16	0.8%
PTEROF		5	0.3%
QUER01		48	2.5%
QUERAC		12	0.6%
QUERCO		47	2.4%
QUERCR		4	0.2%

QUERDA		2	0.1%
QUEROL		10	0.5%
QUERPE		2	0.1%
QUERSE		2	0.1%
QUERSK		2	0.1%
RHIZMA		1	0.1%
RICICO		1	0.1%
ROLLMI		1	0.1%
SALI01		1	0.1%
SAPI01		3	0.2%
SAPIGL		1	0.1%
SAPNSA		5	0.3%
SCHEMO		1	0.1%
SCHZPA		1	0.1%
SIMAAM		4	0.2%
SIMAGL		29	1.5%
SLOALO		1	0.1%
SPATCA		2	0.1%
SPONMO		60	3.1%
SPONPU		13	0.7%
STERAP		3	0.2%
STERME		2	0.1%
STYRAR		3	0.2%
SWARPA		3	0.2%
SWIEHU		7	0.4%
SWIEMA		11	0.6%
SYMPGL		17	0.9%
SYMPVE		1	0.1%
SYZYJA		1	0.1%
TABEDO		7	0.4%
TABEGU		4	0.2%
TABEON		6	0.3%
TABERO		18	0.9%
TECOST		2	0.1%
TERMAM		15	0.8%
TERMCA		5	0.3%
TERMOB		9	0.5%
TETRPA		1	0.1%
THEOCA		2	0.1%

THOUDE		1	0.1%
TREMMI		11	0.6%
TRICGL		2	0.1%
TRIHME		3	0.2%
TROPRA		1	0.1%
ULMUME		3	0.2%
VATALU		3	0.2%
VIROGU		4	0.2%
VIROKO		11	0.6%
VIROSE		3	0.2%
VISMGU		7	0.4%
VOCH01		16	0.8%
VOCHFЕ		8	0.4%
VOCHGU		2	0.1%
VOCHHO		2	0.1%
WEINWE		2	0.1%
XYLOAR		2	0.1%
XYLOFR		8	0.4%
YUCCEL		1	0.1%
ZANT01		15	0.8%
ZANTRI		1	0.1%
glirse		2	0.1%
sponmo		1	0.1%

## SPU\_NOTAPPLY: No aplica/Not apply

Data file: aa\_speciesuses\_1

### Overview

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0306 Standard deviation: 0.172  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1867	96.9%
1		59	3.1%

**SPU\_WOOD: Madera/Wood****Data file:** aa\_speciesuses\_1**Overview**

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.269 Standard deviation: 0.444  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1407	73.1%
1		519	26.9%

**SPU\_FUELWOOD: Leña/Fuelwood****Data file:** aa\_speciesuses\_1**Overview**

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.363 Standard deviation: 0.481  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1227	63.7%
1		699	36.3%

**SPU\_COAL: Carbón/Coal****Data file:** aa\_speciesuses\_1**Overview**

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00935 Standard deviation: 0.0962  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1908	99.1%
1		18	0.9%

**SPU\_FRUITS: Frutas/Fruits**

Data file: aa\_speciesuses\_1

**Overview**

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.143 Standard deviation: 0.35  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1650	85.7%
1		276	14.3%

**SPU\_MEDICINE: Medicina/Medicine**

Data file: aa\_speciesuses\_1

**Overview**

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0395 Standard deviation: 0.195  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1850	96.1%
1		76	3.9%

**SPU\_FODDER: Forraje/Fodder**

Data file: aa\_speciesuses\_1

**Overview**

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0109 Standard deviation: 0.104  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		1905	98.9%

1		21	1.1%
---	--	----	------

### SPU\_RESIN: Resina/Resin

Data file: aa\_speciesuses\_1

#### Overview

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0145 Standard deviation: 0.12  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1898	98.5%
1		28	1.5%

### SPU\_POLE: Poste/Pole

Data file: aa\_speciesuses\_1

#### Overview

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0909 Standard deviation: 0.287  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1751	90.9%
1		175	9.1%

### SPU\_SHADOW: Sombra/Shadow

Data file: aa\_speciesuses\_1

#### Overview

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.157 Standard deviation: 0.364  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
-------	----------	-------	--

0		1624	84.3%
1		302	15.7%

### SPU\_ORNAMENTAL: Ornamental

Data file: aa\_speciesuses\_1

#### Overview

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.00623 Standard deviation: 0.0787  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1914	99.4%
1		12	0.6%

### SPU\_BRUSHWOOD: Broza/Brushwood

Data file: aa\_speciesuses\_1

#### Overview

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.014 Standard deviation: 0.118  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1899	98.6%
1		27	1.4%

### SPU\_CRAFT: Artesanía/Craft

Data file: aa\_speciesuses\_1

#### Overview

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0202 Standard deviation: 0.141  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
0		1887	98%
1		39	2%

### SPU\_UNKNOWN: Desconocido/Unknown

Data file: aa\_speciesuses\_1

#### Overview

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0519 Standard deviation: 0.222  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1826	94.8%
1		100	5.2%

### SPU\_OTHER: Otro/Other

Data file: aa\_speciesuses\_1

#### Overview

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 1 Mean: 0.0213 Standard deviation: 0.144  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1885	97.9%
1		41	2.1%

### SPU\_TIMESTAMP: Estampilla de tiempo/Time stamp

Data file: aa\_speciesuses\_1

#### Overview

Valid: 1926 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
0		1926	100%

---

### SPU\_COMPLETE: Registro completo?/Is the record complete?

Data file: aa\_speciesuses\_1

#### Overview

Valid: 1926 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
1		1926	100%

---

### SPU\_DATEOFCREATION: Fecha de creación del registro/Date of record creation

Data file: aa\_speciesuses\_1

#### Overview

Valid: 1926 Minimum: 2015-12-01 Maximum: 2015-12-01  
 Type: Discrete Width: 20 Format: character Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
2015-12-01		1926	100%

---

**STU\_INVENTORYNUMBER: Número de inventario/Inventory number**

Data file: aa\_stump\_1

**Overview**

Valid: 3350 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		3350	100%

**STU\_MEASUREMENTNUMBER: Número de medición/Measurement number**

Data file: aa\_stump\_1

**Overview**

Valid: 3350 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		3350	100%

**STU\_TRACTNUMBER: Número de unidad de muestreo/Tract number**

Data file: aa\_stump\_1

**Overview**

Valid: 3350 Invalid: 0 Minimum: 4 Maximum: 338 Mean: 109.859 Standard deviation: 85.093  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**STU\_PLOTNUMBER: Número de parcela/Plot number**

Data file: aa\_stump\_1

**Overview**

Valid: 3350 Invalid: 0 Minimum: 1 Maximum: 4 Mean: 2.516 Standard deviation: 1.083  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		777	23.2%
2		835	24.9%
3		970	29%
4		768	22.9%

### STU\_STUMPNUMBER: Número de tocón/Stump number

Data file: aa\_stump\_1

#### Overview

Valid: 3350 Invalid: 0 Minimum: 1 Maximum: 173 Mean: 37.055 Standard deviation: 30.592  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

### STU\_LANDUSE: Número de uso de la tierra/and use where the stum is located

Data file: aa\_stump\_1

#### Overview

Valid: 3350 Invalid: 0 Minimum: 1 Maximum: 7 Mean: 1.562 Standard deviation: 0.917  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		2187	65.3%
2		652	19.5%
3		355	10.6%
4		113	3.4%
5		36	1.1%
6		4	0.1%
7		3	0.1%

### STU\_SPECIE: Especie del tocón/Stump species

Data file: aa\_stump\_1

**Overview**

Valid: 3350 Invalid: 0

Type: Discrete Width: 6 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
ACACAN		1	0%
ACACCE		17	0.5%
ACACDE		34	1%
ACACHI		3	0.1%
ACACPE		5	0.1%
ACOSPA		2	0.1%
ACROME		1	0%
ADELTR		2	0.1%
ALBIGU		1	0%
ALCHLA		2	0.1%
ALIBED		2	0.1%
AMANGU		1	0%
AMPEHO		2	0.1%
ANDIJA		1	0%
ANNO01		6	0.2%
ANNOMU		1	0%
APEIAS		1	0%
ASTRGR		4	0.1%
AVICGE		27	0.8%
BELO01		29	0.9%
BOMBQU		5	0.1%
BRUNCO		1	0%
BURSSI		11	0.3%
BYRSCR		10	0.3%
BYRSSP		2	0.1%
CAESCO		16	0.5%
CALL01		13	0.4%
CALPBR		10	0.3%
CALYHO		3	0.1%
CARAGU		1	0%
CARPPL		15	0.4%
CASEAC		2	0.1%

CASIED		1	0%
CASSGR		2	0.1%
CASSRE		1	0%
CASSSP		1	0%
CECR01		33	1%
CEDLAN		1	0%
CEDROD		4	0.1%
CEIBPE		2	0.1%
CESPMA		2	0.1%
CHRYCA		17	0.5%
CITR01		1	0%
CITRSI		1	0%
CLET01		25	0.7%
COCCTU		11	0.3%
COCHVI		23	0.7%
COJOAR		2	0.1%
CORD01		4	0.1%
CORDAL		42	1.3%
CORDBI		11	0.3%
CORDDE		4	0.1%
CORDNI		10	0.3%
CORNDI		2	0.1%
CRATTA		2	0.1%
CRESCU		24	0.7%
DALBGL		2	0.1%
DESC02		2	0.1%
DESC03		1	0%
DESCON		153	4.6%
DIALGU		41	1.2%
DIDYMO		8	0.2%
DIPHRO		5	0.1%
ENTECY		5	0.1%
ERYTBE		4	0.1%
ERYTGL		1	0%
ERYTPR		6	0.2%
ESENPE		1	0%
EUCACI		1	0%
EUGEJA		4	0.1%
EUGEST		2	0.1%

FICUCR		1	0%
FICUEL		1	0%
FICUIN		1	0%
FICUWE		2	0.1%
GARCIN		4	0.1%
GENIAM		4	0.1%
GLEIBI		1	0%
GLIRSE		44	1.3%
GODMAE		3	0.1%
GRIACA		6	0.2%
GUAR01		10	0.3%
GUAZUL		93	2.8%
HAEMBR		7	0.2%
HEDYME		1	0%
HELI01		6	0.2%
HELIDO		1	0%
HENRSU		2	0.1%
HOMARA		1	0%
HYME01		3	0.1%
HYMECO		11	0.3%
INGA01		42	1.3%
INGADE		2	0.1%
INGALA		1	0%
INGAPU		1	0%
INGAVE		41	1.2%
JACACO		2	0.1%
JACQAU		2	0.1%
KARWCA		14	0.4%
LAFOPU		1	0%
LAGURA		6	0.2%
LAPOME		2	0.1%
LEUCCO		1	0%
LEUCDI		16	0.5%
LICAHY		1	0%
LIPPMY		7	0.2%
LIQUST		14	0.4%
LONCMI		5	0.1%
LUEHCA		12	0.4%
LYSI01		13	0.4%

LYSIBA		14	0.4%
LYSIKE		1	0%
LYSISE		11	0.3%
MAGNYO		3	0.1%
MANGIN		6	0.2%
MANIZA		5	0.1%
MICO01		6	0.2%
MICOAR		8	0.2%
MUNTCA		112	3.3%
MYRCFL		31	0.9%
MYRCSP		1	0%
MYROFR		7	0.2%
NECT01		1	0%
NICOGI		10	0.3%
OCHRLA		2	0.1%
OCOT01		2	0.1%
OCOTDE		1	0%
PERAAR		1	0%
PERABA		6	0.2%
PERC01		1	0%
PERS01		4	0.1%
PERSAM		9	0.3%
PERYGR		33	1%
PERYST		9	0.3%
PESCAR		3	0.1%
PINUCH		176	5.3%
PINUMI		19	0.6%
PINUOO		976	29.1%
PINUTE		27	0.8%
PITHAR		2	0.1%
PITHPS		2	0.1%
POURBI		1	0%
POUT01		2	0.1%
PROSJU		284	8.5%
PROTSC		6	0.2%
PSIDGU		2	0.1%
QUER01		90	2.7%
QUERAC		106	3.2%
QUERCO		66	2%

QUEROL		9	0.3%
QUERPE		15	0.4%
QUERSK		9	0.3%
REHDTR		4	0.1%
SALIO1		1	0%
SAPIGL		4	0.1%
SAPNSA		11	0.3%
SAUR01		22	0.7%
SAURBE		5	0.1%
SAURVI		2	0.1%
SCHEMO		1	0%
SIDECA		1	0%
SLOA01		1	0%
SLOAPI		1	0%
SPONMO		29	0.9%
SPONPU		3	0.1%
STEMDO		2	0.1%
SWARCU		1	0%
SWIEHU		4	0.1%
SYMPGL		11	0.3%
TABEDO		4	0.1%
TABEGU		3	0.1%
TABERO		3	0.1%
TECOST		2	0.1%
TERMAM		9	0.3%
TERMCA		2	0.1%
TERMOB		2	0.1%
TERN01		1	0%
THOUDE		6	0.2%
TREMMI		19	0.6%
TRICGR		1	0%
TRIULA		2	0.1%
VIROKO		5	0.1%
VISMGU		6	0.2%
VOCH01		7	0.2%
VOCHF		1	0%
XYLOAR		7	0.2%
ZANT01		4	0.1%
pinuoo		4	0.1%

quer01		1	0%
sponmo		1	0%

### STU\_DIAMETER1: Diámetro del tocón en la base (cm)/Diameter of the Stump in the bottom

Data file: aa\_stump\_1

#### Overview

Valid: 3350 Invalid: 0 Minimum: 10 Maximum: 160 Mean: 27.07 Standard deviation: 15.437  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### STU\_DIAMETER2: Diámetro del tocón en la punta (cm)/Diameter of the Stump in the top

Data file: aa\_stump\_1

#### Overview

Valid: 3350 Invalid: 0 Minimum: 10 Maximum: 160 Mean: 27.07 Standard deviation: 15.437  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### STU\_HDBH: Altura a la cual se midió el diámetro a la base/Height where the diameter is measured

Data file: aa\_stump\_1

#### Overview

Valid: 3350 Invalid: 0 Minimum: 0.3 Maximum: 0.3 Mean: 0.3 Standard deviation: 9.84E-8  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### STU\_HEIGHT: Altura del tocón en metros/Height of stump

Data file: aa\_stump\_1

#### Overview

Valid: 3350 Invalid: 0 Minimum: 0.3 Maximum: 0.3 Mean: 0.3 Standard deviation: 9.84E-8  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### STU\_STUMPAGE: Edad del tocón/Age of stump, when the tree was cutted

Data file: aa\_stump\_1

#### Overview

Valid: 3350 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
TO00		25	0.7%
TO01		537	16%
TO02		2116	63.2%
TO03		672	20.1%

**STU\_TIMESTAMP: Tempo que tomó coleccionar los datos del tocón/Time (second) to collect data of the record**

Data file: aa\_stump\_1

### Overview

Valid: 3350 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
0		3350	100%

**STU\_COMPLETE: Está completo el registro?/Is the record complete?**

Data file: aa\_stump\_1

### Overview

Valid: 3350 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		3350	100%

**STU\_DATEOFCREATION: Fecha de creación del registro/Date and time of record creation**

Data file: aa\_stump\_1

## Overview

Valid: 3350 Minimum: 2015-12-01 Maximum: 2015-12-01  
 Type: Discrete Width: 20 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
2015-12-01		3350	100%

### **STU\_WOODDENSITY: Densidad de la madera del árbol según la especie/ Tree wood density, used for biomass calculation**

Data file: aa\_stump\_1

## Overview

Valid: 3350 Invalid: 0 Minimum: 0.5 Maximum: 0.63 Mean: 0.522 Standard deviation: 0.0486  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### **STU\_CARBPORCENTAGE: Porcentaje de carbono del árbol según la especie/Tree carbon percentage, used for biomass calculation**

Data file: aa\_stump\_1

## Overview

Valid: 3350 Invalid: 0 Minimum: 30 Maximum: 50 Mean: 35.764 Standard deviation: 8.127  
 Type: Discrete Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
30		2116	63.2%
40		537	16%
50		697	20.8%

### **STU\_STUMPSHA: Tocones por hectárea/Stumps by hectare**

Data file: aa\_stump\_1

## Overview

Valid: 3350 Invalid: 0 Minimum: 0.5 Maximum: 0.5 Mean: 0.5 Standard deviation: 0  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**STU\_VOLUMEHA: Volumen m3/ha-Volume in m3 by hectare**

Data file: aa\_stump\_1

**Overview**

Valid: 3350 Invalid: 0 Minimum: 0.00118 Maximum: 0.302 Mean: 0.0114 Standard deviation: 0.0163  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

---

**STU\_BIOMASSHA: Biomasa Tm/ha-Biomass in tons by hectare**

Data file: aa\_stump\_1

**Overview**

Valid: 3350 Invalid: 0 Minimum: 0.000589 Maximum: 0.151 Mean: 0.00592 Standard deviation: 0.00846  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

---

**STU\_CARBONHA: Carbono en Tm/ha-Carbon in tons by hectare**

Data file: aa\_stump\_1

**Overview**

Valid: 3350 Invalid: 0 Minimum: 0.000177 Maximum: 0.0499 Mean: 0.00214 Standard deviation: 0.00312  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

---

**STU\_CO2HA: CO2 en Tm/ha-CO2 in tons by hectare**

Data file: aa\_stump\_1

**Overview**

Valid: 3350 Invalid: 0 Minimum: 0.000648 Maximum: 0.183 Mean: 0.00786 Standard deviation: 0.0114  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

---

**STU\_LANDUSECODE: Código del uso de la tierra-Land use**

Data file: aa\_stump\_1

**Overview**

Valid: 3350 Invalid: 0  
 Type: Discrete Width: 6 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
CUA		410	12.2%
CUAh		19	0.6%
CUCa		402	12%

CUCp		1	0%
CUG		109	3.3%
CUH		2	0.1%
CUL0D		60	1.8%
CUL0I		27	0.8%
CUL0R		34	1%
CUL1D		51	1.5%
CUL1I		94	2.8%
CUL1R		116	3.5%
CUL2D		36	1.1%
CUL2E		1	0%
CUL2I		50	1.5%
CUL2R		43	1.3%
CULBS		61	1.8%
CULP		62	1.9%
CUMg2I		33	1%
CUMx0D		4	0.1%
CUMx0R		6	0.2%
CUMx1D		61	1.8%
CUMx1E		3	0.1%
CUMx1I		37	1.1%
CUMx1R		15	0.4%
CUMx2D		9	0.3%
CUMx2I		35	1%
CUMx2R		5	0.1%
CUP0D		2	0.1%
CUP0I		19	0.6%
CUP0R		11	0.3%
CUP1D		32	1%
CUP1I		297	8.9%
CUP1R		99	3%
CUP2D		92	2.7%
CUP2E		104	3.1%
CUP2I		147	4.4%
CUP2R		57	1.7%
CUPn		78	2.3%
CUPna		120	3.6%
CUPr		173	5.2%
CUS		1	0%

CUSa		24	0.7%
CUSaf		306	9.1%
CUSd		2	0.1%

### STU\_LANDUSELEVEL1: Código del uso de la tierra en el nivel 1 (bosque y no bosque)/Land use level 1 (Forest and not forest)

Data file: aa\_stump\_1

#### Overview

Valid: 3350 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
N101		1876	56%
N102		1474	44%

### STU\_LANDUSELEVEL2: Código del uso de la tierra en el nive 2/Land use level 2

Data file: aa\_stump\_1

#### Overview

Valid: 3350 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
N200		61	1.8%
N201		574	17.1%
N202		1033	30.8%
N203		175	5.2%
N204		33	1%
N205		554	16.5%
N206		920	27.5%

**STU\_LANDUSELEVEL3: Uso de la tierra en el nivel 3/Land use level 3**

Data file: aa\_stump\_1

**Overview**

Valid: 3350 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
N300		61	1.8%
N301		62	1.9%
N302		130	3.9%
N303		261	7.8%
N304		121	3.6%
N305		400	11.9%
N306		428	12.8%
N307		32	1%
N308		173	5.2%
N309		49	1.5%
N310		116	3.5%
N311		10	0.3%
N312		33	1%
N315		554	16.5%
N316		920	27.5%

**STU\_LANDUSEFAO: Uso de la tierra según categoría de FAO/Land use FAO classes**

Data file: aa\_stump\_1

**Overview**

Valid: 3350 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
01		1876	56%
02		860	25.7%
03		612	18.3%

04		2	0.1%
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## STU\_LANDUSEMAP1995: Uso de la tierra según el mapa de 1995/Land use map 1995

Data file: aa\_stump\_1

### Overview

Valid: 3350 Invalid: 0  
 Type: Discrete Width: 5 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
CFBCD		126	3.8%
CFBCR		907	27.1%
CFBLA		941	28.1%
CFBMI		175	5.2%
CFBOM		33	1%
CFLAL		2	0.1%
CFTSB		1166	34.8%

## STU\_LANDUSEMAP2009: Uso de la tierra según mapa del 2009/Land use map 2009

Data file: aa\_stump\_1

### Overview

Valid: 3350 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
01		126	3.8%
02		907	27.1%
03		175	5.2%
04		574	17.1%
05		33	1%
06		61	1.8%
08		403	12%
09		613	18.3%

10		410	12.2%
11		27	0.8%
12		19	0.6%
13		2	0.1%

## STU\_LANDUSEMAP2014: Uso de la tierra según el mapa del 2014/Land use map 2014

Data file: aa\_stump\_1

### Overview

Valid: 3350 Invalid: 0  
Type: Discrete Width: 2 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
01		574	17.1%
02		61	1.8%
03		175	5.2%
04		126	3.8%
05		907	27.1%
06		33	1%
09		410	12.2%
11		709	21.2%
12		307	9.2%
13		25	0.7%
19		19	0.6%
22		2	0.1%
23		2	0.1%

## STU\_PLOTTYPE: Tipo de parcela/Plot type

Data file: aa\_stump\_1

### Overview

Valid: 3350 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
1		3350	100%

## STU\_POTENTIALFOREST: Bosque potencial REDD+

Data file: aa\_stump\_1

### Overview

Valid: 3350 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
01		1108	33.1%
02		545	16.3%
03		16	0.5%
04		207	6.2%
05		1474	44%

## STU\_CANOPYCOVER: Categoría de cobertura de copas

Data file: aa\_stump\_1

### Overview

Valid: 3350 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
00		333	9.9%
01		817	24.4%
02		887	26.5%
03		946	28.2%
04		367	11%

**TAS\_INVENTORYNUMBER: Número de inventario/Inventory number**

Data file: aa\_topographysoil\_1

**Overview**

Valid: 1802 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1802	100%

**TAS\_MEASUREMENTNUMBER: Número de medición/Measurement number**

Data file: aa\_topographysoil\_1

**Overview**

Valid: 1802 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1802	100%

**TAS\_TRACTNUMBER: Número de unidad de muestreo/Tract number**

Data file: aa\_topographysoil\_1

**Overview**

Valid: 1802 Invalid: 0 Minimum: 1 Maximum: 338 Mean: 161.398 Standard deviation: 97.634  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**TAS\_PLOTNUMBER: Número de parcela/Plot number**

Data file: aa\_topographysoil\_1

**Overview**

Valid: 1802 Invalid: 0 Minimum: 1 Maximum: 4 Mean: 2.489 Standard deviation: 1.117  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		457	25.4%
2		449	24.9%
3		454	25.2%
4		442	24.5%

**TAS\_TOPOGRAPHYSOILNUMBER: Número de punto de medición del suelo/Number of the point where the measure is realized**

Data file: aa\_topographysoil\_1

### Overview

Valid: 1802 Invalid: 0 Minimum: 1 Maximum: 3 Mean: 1.992 Standard deviation: 0.818  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		609	33.8%
2		598	33.2%
3		595	33%

**TAS\_LANDUSE: Número del uso de la tierra CUT/Land use (CUT)**

Data file: aa\_topographysoil\_1

### Overview

Valid: 1802 Invalid: 0 Minimum: 1 Maximum: 7 Mean: 1.526 Standard deviation: 0.905  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		1216	67.5%
2		339	18.8%
3		162	9%
4		60	3.3%

5		21	1.2%
6		3	0.2%
7		1	0.1%

### TAS\_SLOPE: Pendiente en %/Slope in percentage

Data file: aa\_topographysoil\_1

#### Overview

Valid: 1802 Invalid: 0 Minimum: 0 Maximum: 140 Mean: 27.166 Standard deviation: 24.659  
Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

### TAS\_STONINESS: Pedregosidad en la superficie del suelo/Stoniness of soil surface

Data file: aa\_topographysoil\_1

#### Overview

Valid: 1802 Invalid: 0  
Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
SP01		1111	61.7%
SP02		309	17.1%
SP03		177	9.8%
SP04		139	7.7%
SP05		66	3.7%

### TAS\_SOILDEPTH: Profundidad del suelo o material /Depth of soil

Data file: aa\_topographysoil\_1

#### Overview

Valid: 1802 Invalid: 0  
Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
SM00		98	5.4%

SM01		231	12.8%
SM02		408	22.6%
SM03		332	18.4%
SM04		733	40.7%

## TAS\_ORGANICMATTER: Materia orgánica/Organic matter

Data file: aa\_topographysoil\_1

### Overview

Valid: 1802 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
SO00		348	19.3%
SO01		732	40.6%
SO02		506	28.1%
SO03		216	12%

## TAS\_PHYSIOGRAPHY: Fisiografía/Physiography

Data file: aa\_topographysoil\_1

### Overview

Valid: 1802 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
SF01		114	6.3%
SF02		194	10.8%
SF03		705	39.1%
SF04		110	6.1%
SF05		199	11%
SF06		6	0.3%
SF07		114	6.3%
SF08		358	19.9%

SF09		2	0.1%
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### TAS\_PHYSIOGRAPHYOTHER: Explicar si la fisiografía es otra/Explain the physiography if is other

Data file: aa\_topographysoil\_1

#### Overview

Valid: 6 Invalid: 0

Type: Discrete Width: 16 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
CAUSE DE RIO		1	16.7%
CURSO DEL RIO		1	16.7%
Playa de rio		1	16.7%
Portillo		1	16.7%
TERRENO ONDULADO		2	33.3%

### TAS\_SOILTEXTURE: Textura del suelo/Soil texture

Data file: aa\_topographysoil\_1

#### Overview

Valid: 1802 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
ST00		92	5.1%
ST01		83	4.6%
ST02		265	14.7%
ST03		197	10.9%
ST04		76	4.2%
ST05		135	7.5%
ST06		13	0.7%
ST07		64	3.6%
ST08		28	1.6%

ST09		166	9.2%
ST10		208	11.5%
ST11		85	4.7%
ST12		52	2.9%
ST13		38	2.1%
ST14		224	12.4%
ST15		76	4.2%

## TAS\_SOILDRAINAGE: Drenaje del suelo/Soil drainage

Data file: aa\_topographysoil\_1

### Overview

Valid: 1802 Invalid: 0

Type: Discrete Width: 4 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
SD01		309	17.1%
SD02		1171	65%
SD03		140	7.8%
SD04		101	5.6%
SD05		81	4.5%

## TAS\_TIMESTAMP: Estampilla de tiempo/Time stamp

Data file: aa\_topographysoil\_1

### Overview

Valid: 1802 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0

Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
0		1802	100%

**TAS\_COMPLETE: Está completo el registro?/Is the record complete?**

Data file: aa\_topographysoil\_1

**Overview**

Valid: 1802 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		1802	100%

**TAS\_DATEOFCREATION: Fecha de creación del registro/Date of creation of the record**

Data file: aa\_topographysoil\_1

**Overview**

Valid: 1802 Minimum: 2015-12-01 Maximum: 2015-12-01  
 Type: Discrete Width: 20 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
2015-12-01		1802	100%

**TAS\_POPULATIONTEMP: Población estadística temporal/Temporal statistical population**

Data file: aa\_topographysoil\_1

**Overview**

Valid: 0 Invalid: 1802  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category
Sysmiss	

**TAS\_LANDUSECODE: Código del uso de la tierra/Land use code**

Data file: aa\_topographysoil\_1

**Overview**

Valid: 1802 Invalid: 0

Type: Discrete Width: 6 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
CUA		151	8.4%
CUAh		42	2.3%
CUAi		10	0.6%
CUCa		180	10%
CUCp		34	1.9%
CUG		206	11.4%
CUH		54	3%
CUL0D		18	1%
CULOE		2	0.1%
CULOI		24	1.3%
CUL0R		12	0.7%
CUL1D		50	2.8%
CUL1E		1	0.1%
CUL1I		75	4.2%
CUL1R		23	1.3%
CUL2D		27	1.5%
CUL2E		1	0.1%
CUL2I		27	1.5%
CUL2R		24	1.3%
CULBS		55	3.1%
CULP		64	3.6%
CUMg1I		1	0.1%
CUMg2I		6	0.3%
CUMx0D		3	0.2%
CUMx0R		1	0.1%
CUMx1D		15	0.8%
CUMx1E		1	0.1%
CUMx1I		25	1.4%
CUMx1R		12	0.7%
CUMx2D		7	0.4%
CUMx2I		22	1.2%
CUMx2R		5	0.3%

CUP0D		3	0.2%
CUP0I		16	0.9%
CUP0R		4	0.2%
CUP1D		21	1.2%
CUP1I		72	4%
CUP1R		45	2.5%
CUP2D		24	1.3%
CUP2E		25	1.4%
CUP2I		42	2.3%
CUP2R		61	3.4%
CUPn		38	2.1%
CUPna		75	4.2%
CUPr		8	0.4%
CUS		52	2.9%
CUSa		14	0.8%
CUSaf		103	5.7%
CUSd		21	1.2%

### TAS\_LANDUSELEVEL1: Código del uso de la tierra en el nivel 1 (bosque y no bosque)/Land use level 1 (Forest and not forest)

Data file: aa\_topographysoil\_1

#### Overview

Valid: 1802 Invalid: 0  
Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
N101		822	45.6%
N102		980	54.4%

### TAS\_LANDUSELEVEL2: Código del uso de la tierra en el nive 2/Land use level 2

Data file: aa\_topographysoil\_1

#### Overview

Valid: 1802 Invalid: 0  
Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
N200		55	3.1%
N201		348	19.3%
N202		321	17.8%
N203		91	5%
N204		7	0.4%
N205		240	13.3%
N206		730	40.5%
N207		10	0.6%

### TAS\_AREAPROPORTION: Proporción de área

Data file: aa\_topographysoil\_1

#### Overview

Valid: 1802 Invalid: 0 Minimum: 0.00045 Maximum: 0.25 Mean: 0.165 Standard deviation: 0.0827  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### TAS\_POTENTIALFOREST: Bosque potencial REDD+

Data file: aa\_topographysoil\_1

#### Overview

Valid: 1802 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
01		392	21.8%
02		346	19.2%
03		4	0.2%
04		80	4.4%
05		980	54.4%

**TRE\_INVENTORYNUMBER: Número de inventario/Inventory number**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		23061	100%

**TRE\_MEASUREMENTNUMBER: Número de medición/Measurement number**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		23061	100%

**TRE\_TRACTNUMBER: Número de unidad de muestreo/Tract number**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 1 Maximum: 339 Mean: 153.51 Standard deviation: 92.987  
 Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**TRE\_PLOTNUMBER: Número de parcela/Plot number**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 1 Maximum: 4 Mean: 2.504 Standard deviation: 1.132  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		5950	25.8%
2		5497	23.8%
3		5666	24.6%
4		5948	25.8%

### TRE\_TREENUMBER: Número de árbol/Tree number

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Invalid: 0 Minimum: 1 Maximum: 177 Mean: 38.408 Standard deviation: 30.946  
Type: Continuous Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

### TRE\_LANDUSE: CUT en el cual se encuentra el árbol/Land use where the tree is located

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Invalid: 0 Minimum: 1 Maximum: 7 Mean: 1.551 Standard deviation: 0.886  
Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
1		14862	64.4%
2		4995	21.7%
3		2216	9.6%
4		714	3.1%
5		240	1%
6		23	0.1%
7		11	0%

### TRE\_REMEASUREMENTCOND: Condición de la remediación/Remeasurement situation

Data file: aa\_tree\_1

**Overview**

Valid: 0 Invalid: 0

Type: Discrete Width: 1 Format: character Weighted variable: 0

**TRE\_SPECIE: Especie de árbol/Tree species**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0

Type: Discrete Width: 6 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
ABIERE		2	0%
ACACAN		4	0%
ACACCA		2	0%
ACACCE		93	0.4%
ACACCO		1	0%
ACACDE		11	0%
ACACDO		1	0%
ACACFA		17	0.1%
ACACHI		1	0%
ACACPE		4	0%
ACACRU		1	0%
ACHANI		2	0%
ACOSPA		7	0%
ACROME		9	0%
ADELTR		10	0%
ALBIAD		7	0%
ALBIGU		16	0.1%
ALCADI		2	0%
ALCHLA		112	0.5%
ALIBED		12	0.1%
AMAICO		11	0%
AMANGU		48	0.2%
AMPE01		4	0%
AMPEHO		18	0.1%
AMYR01		1	0%

AMYRBA		1	0%
ANACOC		3	0%
ANDIIN		15	0.1%
ANDIJA		11	0%
ANNO01		21	0.1%
ANNOMU		13	0.1%
ANNORE		2	0%
ANTH01		1	0%
APEIAS		12	0.1%
APEIME		23	0.1%
ARAUCU		1	0%
ARDI01		1	0%
ASTRGR		75	0.3%
AVICGE		208	0.9%
AZADIN		2	0%
BALIEL		2	0%
BALILE		3	0%
BAUHUN		4	0%
BELLPE		2	0%
BELO01		221	1%
BELOCA		32	0.1%
BILLHI		5	0%
BOMBQU		19	0.1%
BROSAL		74	0.3%
BROSCO		3	0%
BROSGU		19	0.1%
BROSLA		5	0%
BROSUT		8	0%
BRUNCO		8	0%
BUDDAM		3	0%
BURSSI		203	0.9%
BYRSCR		216	0.9%
BYRSSP		39	0.2%
CAESCO		17	0.1%
CAESVE		2	0%
CALACA		2	0%
CALL01		12	0.1%
CALOMA		9	0%
CALOVI		1	0%

CALPBR		162	0.7%
CALYCA		21	0.1%
CALYCH		1	0%
CALYHO		2	0%
CAMPPA		4	0%
CARAGU		77	0.3%
CARPPL		19	0.1%
CASEAC		5	0%
CASESY		4	0%
CASIED		9	0%
CASSGR		21	0.1%
CASSGU		17	0.1%
CASSRE		8	0%
CASSSI		1	0%
CASSSP		15	0.1%
CASSXI		1	0%
CASTEL		30	0.1%
CASTTU		18	0.1%
CASUEQ		1	0%
CECR01		274	1.2%
CEDLAN		2	0%
CEDLFI		3	0%
CEDROD		32	0.1%
CEIBPE		32	0.1%
CELT01		6	0%
CESPMA		37	0.2%
CHIMPA		5	0%
CHLOEX		8	0%
CHRY01		3	0%
CHRYCA		15	0.1%
CHRYIC		34	0.1%
CHYSIC		1	0%
CITR01		18	0.1%
CITRSI		40	0.2%
CLET01		202	0.9%
CLETMA		7	0%
CLETME		1	0%
CLORTI		1	0%
CLUS01		39	0.2%

COCCFL		2	0%
COCCHO		1	0%
COCCTU		113	0.5%
COCCUV		6	0%
COCHVI		83	0.4%
COJOAR		62	0.3%
CORD01		11	0%
CORDAL		199	0.9%
CORDBI		102	0.4%
CORDDE		27	0.1%
CORDNI		37	0.2%
CORNDI		2	0%
COUSPA		6	0%
CRATTA		1	0%
CRESAL		66	0.3%
CRESCU		86	0.4%
CROT01		9	0%
CROTGO		3	0%
CUPABE		11	0%
CUPACI		1	0%
CUPADE		9	0%
CUPAGL		7	0%
CUPRLU		2	0%
CURAAM		41	0.2%
CYNORE		3	0%
DALBGL		28	0.1%
DALBRE		12	0.1%
DALBTU		5	0%
DENRAR		51	0.2%
DESC02		1	0%
DESC03		1	0%
DESC04		4	0%
DESC05		1	0%
DESC06		3	0%
DESCON		1259	5.5%
DIALGU		166	0.7%
DIDYMO		44	0.2%
DIPHRO		11	0%
DIPTPA		5	0%

ENTEKY		52	0.2%
ERYOJA		6	0%
ERYTBE		18	0.1%
ERYTFU		2	0%
ERYTGL		53	0.2%
ERYTMA		4	0%
ERYTPO		1	0%
ERYTPR		10	0%
ESENL		13	0.1%
ESENP		9	0%
EUCAC		9	0%
EUGEG		1	0%
EUGEJ		18	0.1%
EUGES		23	0.1%
EUPA0		4	0%
EUTEPR		3	0%
FICU0		5	0%
FICUC		25	0.1%
FICUE		2	0%
FICUI		33	0.1%
FICUO		13	0.1%
FICUW		15	0.1%
GARCIN		35	0.2%
GENIAM		18	0.1%
GLIRSE		295	1.3%
GODMAE		11	0%
GOETME		10	0%
GORDBR		1	0%
GOUPGL		2	0%
GREVRO		2	0%
GRIACA		171	0.7%
GUAR0		74	0.3%
GUARGA		18	0.1%
GUARGL		4	0%
GUARKU		5	0%
GUAZUL		304	1.3%
GYMNRI		2	0%
HAEMBR		8	0%
HAMA0		1	0%

HEDYME		7	0%
HELI01		35	0.2%
HELIAP		16	0.1%
HELIDO		29	0.1%
HELIGU		3	0%
HENRSU		21	0.1%
HERNSO		3	0%
HERNST		13	0.1%
HEVEBR		2	0%
HEVENI		2	0%
HIBIEL		23	0.1%
HIERPO		1	0%
HIRTAM		6	0%
HIRTME		3	0%
HOMARA		6	0%
HUERCU		5	0%
HYERAL		20	0.1%
HYEROB		2	0%
HYME01		50	0.2%
HYMECO		26	0.1%
HYMEME		2	0%
ILEXGU		22	0.1%
ILEXLI		3	0%
ILEXTE		6	0%
INGA01		352	1.5%
INGADE		7	0%
INGALA		9	0%
INGAPA		3	0%
INGAPU		19	0.1%
INGAVE		352	1.5%
IRYAGR		1	0%
JACACO		40	0.2%
JACAMI		8	0%
JACQAU		1	0%
JATRCU		9	0%
JUGLBO		2	0%
JUGLOL		6	0%
KARWCA		37	0.2%
LAETPR		1	0%

LAFOPU		65	0.3%
LAGURA		22	0.1%
LAPOME		10	0%
LECOAM		1	0%
LEUCCO		12	0.1%
LEUCDI		26	0.1%
LEUCLE		1	0%
LICAAR		11	0%
LICAHY		15	0.1%
LICAPL		5	0%
LIPPMY		30	0.1%
LIQUST		237	1%
LONCGU		18	0.1%
LONCLA		7	0%
LONCMI		35	0.2%
LONCRU		3	0%
LONCSC		1	0%
LUEHCA		45	0.2%
LUEHSE		23	0.1%
LUEHSP		2	0%
LYSI01		56	0.2%
LYSIBA		75	0.3%
LYSIKE		4	0%
LYSISE		63	0.3%
MACRMA		2	0%
MAGNYO		41	0.2%
MANGIN		221	1%
MANIAC		10	0%
MANIZA		61	0.3%
MASQJA		13	0.1%
MASTCA		7	0%
MATAOP		11	0%
MATAPR		1	0%
MELIAZ		2	0%
MICO01		67	0.3%
MICOAR		29	0.1%
MICOTO		4	0%
MIMOPL		1	0%
MIMOSC		1	0%

MONSPE		1	0%
MOSQJA		6	0%
MUNTCA		345	1.5%
MYRCFL		44	0.2%
MYRCSP		9	0%
MYROBA		1	0%
MYROFR		22	0.1%
MYRXBA		1	0%
NECT01		109	0.5%
NECTCO		4	0%
NECTHI		1	0%
NECTME		5	0%
NICOGI		17	0.1%
OCHRLA		18	0.1%
OCHRPY		19	0.1%
OCOT01		23	0.1%
OCOTCA		15	0.1%
OCOTCO		3	0%
OCOTDE		15	0.1%
ORMO01		6	0%
ORMOCO		3	0%
OSTRVI		12	0.1%
OURAIN		33	0.1%
PACHAQ		224	1%
PACHMA		5	0%
PARAAM		2	0%
PASSFO		14	0.1%
PAULPI		1	0%
PAUTIZ		10	0%
PERAAR		52	0.2%
PERABA		47	0.2%
PERC01		4	0%
PERS01		38	0.2%
PERSAM		93	0.4%
PERSCA		1	0%
PERSSC		3	0%
PERYGR		65	0.3%
PERYST		115	0.5%
PESCAR		68	0.3%

PINUCH		1349	5.8%
PINUMI		354	1.5%
PINUOO		4767	20.7%
PINUTE		67	0.3%
PIPE01		3	0%
PITHAR		15	0.1%
PITHLO		1	0%
PITHPS		1	0%
PITHSA		16	0.1%
PLAMPL		2	0%
PLAMPO		7	0%
PLATDI		14	0.1%
PLOCBU		1	0%
PODOOL		8	0%
POEPPR		2	0%
POLYHI		1	0%
POPUAL		3	0%
POURBI		28	0.1%
POUT01		117	0.5%
POUTCA		2	0%
POUTIZ		2	0%
POUTMA		1	0%
POUTRE		2	0%
PROS01		1	0%
PROSJU		143	0.6%
PROTCO		10	0%
PROTSC		39	0.2%
PROTSE		8	0%
PSEUSP		10	0%
PSIDGU		49	0.2%
PTEROF		34	0.1%
QUER01		1482	6.4%
QUERAC		193	0.8%
QUERCO		831	3.6%
QUERCR		96	0.4%
QUERDA		3	0%
QUEROL		186	0.8%
QUERPE		82	0.4%
QUERSE		1	0%

QUERSK		63	0.3%
REHDTR		9	0%
RHEEIN		16	0.1%
RHIZMA		30	0.1%
RICICO		4	0%
RIVIHU		8	0%
ROLLMI		1	0%
ROYSDU		26	0.1%
SALI01		3	0%
SALICH		15	0.1%
SALIYU		6	0%
SAMBME		3	0%
SAPI01		6	0%
SAPIAU		18	0.1%
SAPIGL		51	0.2%
SAPINI		1	0%
SAPNSA		108	0.5%
SAUR01		16	0.1%
SAURBE		7	0%
SAURVI		26	0.1%
SCHEMO		25	0.1%
SCHI01		17	0.1%
SCHZPA		1	0%
SCIAEX		7	0%
SIDECA		10	0%
SIMAAM		6	0%
SIMAGL		101	0.4%
SLOA01		9	0%
SLOALO		2	0%
SLOAPI		9	0%
SLOATU		10	0%
SOLATO		1	0%
SPATCA		3	0%
SPONMO		191	0.8%
SPONPU		48	0.2%
STEMAR		3	0%
STEMDO		16	0.1%
STERAP		5	0%
STERME		4	0%

STYRAR		59	0.3%
SWARCU		5	0%
SWARPA		8	0%
SWIEHU		28	0.1%
SWIEMA		43	0.2%
SYMPCO		1	0%
SYMPGL		290	1.3%
SYMPVE		1	0%
SYZYJA		4	0%
TABECH		4	0%
TABEDO		33	0.1%
TABEGU		17	0.1%
TABEON		6	0%
TABERO		30	0.1%
TAPIGU		16	0.1%
TECOST		1	0%
TERMAM		188	0.8%
TERMCA		11	0%
TERMLU		3	0%
TERMOB		41	0.2%
TERN01		4	0%
TETRPA		19	0.1%
THEOCA		6	0%
THOUDE		8	0%
TOXIST		20	0.1%
TREMMI		127	0.6%
TRICGL		7	0%
TRICGR		25	0.1%
TRICHI		1	0%
TRICPA		5	0%
TRIHME		4	0%
TROPCH		1	0%
TROPRA		1	0%
ULMUME		4	0%
URERBA		19	0.1%
VATALU		10	0%
VIROAL		1	0%
VIROGU		17	0.1%
VIROKO		191	0.8%

VIROMU		6	0%
VIROSE		13	0.1%
VISMGU		17	0.1%
VISMMA		8	0%
VITEGA		4	0%
VITEGI		1	0%
VOCH01		100	0.4%
VOCHFЕ		57	0.2%
VOCHGU		40	0.2%
VOCHHO		15	0.1%
WEINWE		6	0%
XYLOAR		121	0.5%
XYLOFR		28	0.1%
YUCCEL		6	0%
ZANT01		46	0.2%
ZANTAC		4	0%
ZANTRI		4	0%
andiin		2	0%
clet01		1	0%
cordal		3	0%
entecy		1	0%
glirse		7	0%
guazul		1	0%
inga01		3	0%
pinuch		1	0%
pinumi		1	0%
pinuoo		7	0%
plampo		1	0%
quer01		4	0%
virogu		2	0%

## TRE\_DBH: DAP del árbol/DBH of the tree

Data file: aa\_tree\_1

### Overview

Valid: 23061 Invalid: 0 Minimum: 10 Maximum: 466 Mean: 29.211 Standard deviation: 15.417  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**TRE\_HDBH: Altura a la cual fue medido el DAP del árbol/Height where the DBH is measured**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 0 Maximum: 6 Mean: 1.306 Standard deviation: 0.102  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

---

**TRE\_TOTALHEIGHT: Altura total/Total height**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 0 Maximum: 45 Mean: 14.148 Standard deviation: 6.998  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

---

**TRE\_COMMERCIALHEIGHT: Altura comercial/Commercial height**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 0 Maximum: 30 Mean: 3.91 Standard deviation: 5.745  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

---

**TRE\_HEIGHTDATATYPE: La altura es medida o estimada/Measure or etimated**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0  
 Type: Discrete Width: 3 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
TME		20630	89.5%
TMM		2431	10.5%

---

**TRE\_STEMQUALITY: Calidad de fuste/Stem quality**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
CT00		11755	51%
CT01		3331	14.4%
CT02		7091	30.7%
CT03		884	3.8%

---

## TRE\_TREECONDITION: Condición fitosanitaria/Condition of the tree

Data file: aa\_tree\_1

### Overview

Valid: 23061    Invalid: 0  
 Type: Discrete    Width: 4    Format: character    Weighted variable: 0

## Questions and instructions

---

### CATEGORIES

Value	Category	Cases	
CS00		863	3.7%
CS01		16741	72.6%
CS02		427	1.9%
CS03		112	0.5%
CS04		554	2.4%
CS05		35	0.2%
CS06		346	1.5%
CS07		73	0.3%
CS08		256	1.1%
CS09		116	0.5%
CS10		653	2.8%
CS11		2654	11.5%
CS12		95	0.4%
CS13		25	0.1%
CS14		66	0.3%
CS15		45	0.2%

---

**TRE\_CONDITIONEXPLAIN: Explicar condición fitosanitara (otra)/Explanation of other condition**

Data file: aa\_tree\_1

**Overview**

Valid: 1732 Invalid: 0

Type: Discrete Width: 30 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
10		1	0.1%
AArbol sano		1	0.1%
ANILLADO		3	0.2%
ARBOL COMPLETAMENTE TORCIDO		1	0.1%
ARBOL RESINADO		17	1%
ARBOL SANO		1	0.1%
ATACADO POR MUERDAGO		1	0.1%
Aarbol sano		1	0.1%
Abol con fuste picado		1	0.1%
Abol con hongos		2	0.1%
Abol sano		3	0.2%
Aerbol con fuste picado		1	0.1%
Afectado por hongos		1	0.1%
Afectado por hormigas		1	0.1%
Arbl sano		3	0.2%
Arbo con hongos		1	0.1%
Arbo lsano		1	0.1%
Arbo sano		6	0.3%
Arbol de buen fenotipo		1	0.1%
Arbol sano		1	0.1%
Arbol afectado por insectos		3	0.2%
Arbol caido		2	0.1%
Arbol ciado		1	0.1%
Arbol com plantas parasitas		1	0.1%
Arbol con fuste hueco		1	0.1%
Arbol con fuste picado		12	0.7%
Arbol con fuste pÃ-cado		1	0.1%
Arbol con hogos		3	0.2%
Arbol con hongo		1	0.1%
Arbol con hongos		42	2.4%

Arbol con hormigas		1	0.1%
Arbol con lianas		27	1.6%
Arbol con lianas t bejucos		1	0.1%
Arbol con lianas y bejucos		14	0.8%
Arbol con muchas ramas		1	0.1%
Arbol con parasitos		5	0.3%
Arbol con plaga		1	0.1%
Arbol con plaga de insectos		5	0.3%
Arbol con plagas		1	0.1%
Arbol con plantas parasitas		1	0.1%
Arbol con platans parasitas		1	0.1%
Arbol con platas parasitas		4	0.2%
Arbol cortado		1	0.1%
Arbol cubierto por lianas		2	0.1%
Arbol cubierto por lianas y be		1	0.1%
Arbol cuyo fuste esta hueco		1	0.1%
Arbol cuyo tronco presenta pic		1	0.1%
Arbol da±ado		1	0.1%
Arbol da±ado po bejucos		1	0.1%
Arbol da±ado po insectos		1	0.1%
Arbol da±ado por hogos		1	0.1%
Arbol da±ado por homgos		1	0.1%
Arbol da±ado por hongos		7	0.4%
Arbol da±ado por insectos		3	0.2%
Arbol da±ado por lianas		4	0.2%
Arbol da±ado por plantas		1	0.1%
Arbol de buena forma		20	1.2%
Arbol de fuste picado		1	0.1%
Arbol hueco		2	0.1%
Arbol muerto		1	0.1%
Arbol plagado		1	0.1%
Arbol quebrado		1	0.1%
Arbol sano		365	21.1%
Arbol sano0		2	0.1%
Arbol totalmente torcido		1	0.1%
Arbolcon hongos		1	0.1%
Arboles con plaga de insectos		1	0.1%
Arbols sano		1	0.1%
Arbolsano		6	0.3%

Arbol sano		2	0.1%
Arcol con hongos		1	0.1%
Argbol sano		1	0.1%
Artbol sano		1	0.1%
Bifurcado		8	0.5%
CORTADO		1	0.1%
Comejen		3	0.2%
Con Lianas		1	0.1%
Con bejucos y lianas		1	0.1%
Con comejen		1	0.1%
Contiene Comejen		1	0.1%
Copa daÑada		1	0.1%
Copa daÑada en un 50%		1	0.1%
Copa quebrada		1	0.1%
Copa quebrado 100%		1	0.1%
Cubierto con lianas		1	0.1%
DaÑado por insectos Comejen		1	0.1%
DaÑo por insectos e incendios		1	0.1%
DaÑo por plagas e insectos		1	0.1%
DaÑo por termitas		1	0.1%
DaÑos por insectos Comejen		1	0.1%
Deformado ligeramente		1	0.1%
Desconoce		1	0.1%
Desconocido		1	0.1%
El tronco del arbol es hueco		1	0.1%
FUSTE HUECO		2	0.1%
FUSTE HUECO EN EL PIE		1	0.1%
FUSTE HUECO Y PODRIDO		1	0.1%
FUSTE PODRIDO		1	0.1%
FUSTE RESINADO		1	0.1%
Fuste picado 1ra troza		1	0.1%
Fuste Picado		2	0.1%
Fuste Pñado		1	0.1%
Fuste Torcido		1	0.1%
Fuste Torcido/pando		1	0.1%
Fuste bifurcado		1	0.1%
Fuste con lianas		46	2.7%
Fuste con lianas y bejucos		3	0.2%
Fuste con presencia de hongos		1	0.1%

Fuste con lianas		2	0.1%
Fuste corto-Arbol torcido		1	0.1%
Fuste hueco parte baja		1	0.1%
Fuste hueco parte superior		1	0.1%
Fuste picado		81	4.7%
Fuste picado 1ra troza		8	0.5%
Fuste picado levemente		1	0.1%
Fuste picado primera troza		2	0.1%
Fuste picado y hueco 1ra troza		1	0.1%
Fuste picados primera troza		1	0.1%
Fuste quemado		166	9.6%
Fuste quemado parte baja		2	0.1%
Fuste quemado1		1	0.1%
Fuste quemados		1	0.1%
Fuste torcido		38	2.2%
Fuste torcido con lianas		1	0.1%
Fuste torcido/pando		1	0.1%
Gambas		1	0.1%
HUECO		1	0.1%
Hormigas		2	0.1%
Hormigas en el fuste/Comejen		1	0.1%
Hormigas y comejen		1	0.1%
Hueco por pudrici3n		1	0.1%
Hueco primera troza		1	0.1%
LIANAS Y BEJUCOS		11	0.6%
Liana y bejucos		3	0.2%
Lianas		1	0.1%
Lianas y bejucos		12	0.7%
Lianas y bejucos todo arbol		1	0.1%
MUERDAGO		1	0.1%
Muerdago		46	2.7%
NO SABE		1	0.1%
PODRIDO		1	0.1%
Picado Por incendio		1	0.1%
Picado por incendios		2	0.1%
Picado por insectos		1	0.1%
Picado y torcido		3	0.2%
Plaga de hormigas		1	0.1%
Plaga por hormigas		1	0.1%

Plantas parasitas		1	0.1%
Por incendios		1	0.1%
Por insectos		1	0.1%
Por insectos e incendios		1	0.1%
Por resinacion		1	0.1%
Posiblemente por insectos		1	0.1%
Presencia comejen		6	0.3%
Presencia de Comejen		1	0.1%
Presencia de Hormigones		1	0.1%
Presencia de comejen		5	0.3%
Presencia de hormigas		2	0.1%
Presencia de hormigas-Comejen		1	0.1%
Presencia de hormigones		3	0.2%
Presencia hormigones		3	0.2%
Presenta picaduras en el fuste		1	0.1%
QUEBRADO		3	0.2%
QUEMADO AL PIE		1	0.1%
RESINADO		41	2.4%
Ramoso		3	0.2%
Resinado		7	0.4%
SOLO AL INICIO DEL FUSTE		1	0.1%
Sano		515	29.7%
Se Observan Parasitos		1	0.1%
Se observan Parasitos		1	0.1%
Sirve de Posteadura		1	0.1%
Sirve de posteadura		1	0.1%
TORCIDO		2	0.1%
Termitas		1	0.1%
Tiene un gernerito		1	0.1%
aRBOL CON HONGOS		1	0.1%
bifurcado		1	0.1%
fuste quemado		1	0.1%
lianas y bejucos		8	0.5%
por incendios		1	0.1%
presencia comejen		1	0.1%
presencia de hormigones		1	0.1%
sano		1	0.1%
se observan Parasitos		1	0.1%
torcido		1	0.1%

**TRE\_HEALTHCONDITIONGRADE: Grado de condición fitosanitaria/Healthy condition grade**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
GF00		16781	72.8%
GF01		4026	17.5%
GF02		1397	6.1%
GF03		857	3.7%

**TRE\_TIMESTAMP: Tiempo en segundos para coleccionar el dato/Time (second) to collect data of the record**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 0 Maximum: 0 Mean: 0 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
0		23061	100%

**TRE\_COMPLETE: Está completo el registro/Is the record complete?**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		23061	100%

### TRE\_DATEOFCREATION: Fecha de creación del registro/Date and time of record creation

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Minimum: 2015-12-01 Maximum: 2015-12-01  
 Type: Discrete Width: 20 Format: character Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
2015-12-01		23061	100%

### TRE\_POPULATIONTEMP: Estrato estadístico temporal/Temporal statistical population

Data file: aa\_tree\_1

#### Overview

Valid: 0 Invalid: 23061  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category
Sysmiss	

### TRE\_PLOTTYPE: Tipo de parcela 1-20mx250m o 2-20mx130m; Plot type 1-20mx250m o 2-20mx130m

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Invalid: 0 Minimum: 1 Maximum: 1 Mean: 1 Standard deviation: 0  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

##### CATEGORIES

Value	Category	Cases	
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1		23061	100%
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### TRE\_FORMFACTORTV: Factor de forma del árbol según especie/Tree form factor of total volume, used for volume calculation

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Invalid: 0 Minimum: 0.6 Maximum: 0.6 Mean: 0.6 Standard deviation: 6.46E-7  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### TRE\_ESTIMATEDTOTALHEIGHT: Altura total estimada/Estimated total height

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Invalid: 0 Minimum: 1 Maximum: 45 Mean: 14.366 Standard deviation: 6.794  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### TRE\_ESTIMATEDCOMMHEIGHT: Altura comercial estimada/Estimated commercial height

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Invalid: 0 Minimum: 1 Maximum: 30 Mean: 8.364 Standard deviation: 3.95  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### TRE\_TREESPERHECTARE: Árboles por hectárea/Trees per hectare

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Invalid: 0 Minimum: 0.5 Maximum: 4.167 Mean: 0.796 Standard deviation: 0.999  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### TRE\_BASALAREAHA: Área basal en m2/ha-Basal area m2/ha

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Invalid: 0 Minimum: 0.00393 Maximum: 8.528 Mean: 0.0475 Standard deviation: 0.0841  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**TRE\_VOLUMEEQUATION: Número de la ecuación de volumen/Volume equatin number**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 1 Maximum: 12 Mean: 8.684 Standard deviation: 4.961  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		6546	28.4%
2		32	0.1%
3		2	0%
4		191	0.8%
5		166	0.7%
6		74	0.3%
7		43	0.2%
8		15	0.1%
9		63	0.3%
10		188	0.8%
11		162	0.7%
12		15579	67.6%

**TRE\_VOLUMEHA: Volumen total m3/ha-Volume m3/ha**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 0 Maximum: 52.499 Mean: 0.496 Standard deviation: 1.011  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**TRE\_COMMERCIALVOLUMEHA: Volumen comercial m3/ha-Commercial volume m3/ha**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 0 Maximum: 37.747 Mean: 0.454 Standard deviation: 0.827  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**TRE\_WOODDENSITY: Densidad de la madera del árbol según la especie/ Tree wood density,**

**used for biomass calculation**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 0.148 Maximum: 1.123 Mean: 0.596 Standard deviation: 0.104  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**TRE\_BIOMASSEQUATION: Número de la ecuación de biomasa/Biomass equatin number**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 1 Maximum: 2 Mean: 1.716 Standard deviation: 0.451  
 Type: Discrete Decimal: 0 Width: 8 Format: Numeric Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
1		6546	28.4%
2		16515	71.6%

**TRE\_BIOMASSHA: Biomasa en Tm/ha-Biomass Tm/ha**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 0.00105 Maximum: 21.452 Mean: 0.312 Standard deviation: 0.619  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**TRE\_UNDERGROUNDBIOMASS: Biomasa sub-terránea Tm/ha-Underground Biomass in tons by hectare**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 0.00081 Maximum: 5.208 Mean: 0.115 Standard deviation: 0.177  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**TRE\_CARBONPERCENTAGE: Porcentaje de carbono del árbol según la especie/Tree carbon percentage, used for biomass calculation**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: 50 Maximum: 50 Mean: 50 Standard deviation: 0

Type: Discrete    Decimal: 2    Width: 8    Format: Numeric    Weighted variable: 0

## Questions and instructions

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### CATEGORIES

Value	Category	Cases	
50		23061	100%

### TRE\_CARBONHA: Cantidad de carbono en Tm/ha-Carbon Tm/ha

Data file: aa\_tree\_1

#### Overview

Valid: 23061    Invalid: 0    Minimum: 0.000526    Maximum: 10.726    Mean: 0.156    Standard deviation: 0.309  
 Type: Continuous    Decimal: 2    Width: 8    Format: Numeric    Weighted variable: 0

---

### TRE\_UNDERGROUND CARBON: Carbono subterráneo en Tm/ha-Underground Carbon in tons by hectare

Data file: aa\_tree\_1

#### Overview

Valid: 23061    Invalid: 0    Minimum: 0.000405    Maximum: 2.604    Mean: 0.0576    Standard deviation: 0.0884  
 Type: Continuous    Decimal: 2    Width: 8    Format: Numeric    Weighted variable: 0

---

### TRE\_CO2HA: CO2 en Tm/ha-CO2 in tons by hectare

Data file: aa\_tree\_1

#### Overview

Valid: 23061    Invalid: 0    Minimum: 0.00193    Maximum: 39.365    Mean: 0.573    Standard deviation: 1.136  
 Type: Continuous    Decimal: 2    Width: 8    Format: Numeric    Weighted variable: 0

---

### TRE\_UNDERGROUND CO2: CO2 subterráneo en Tm/ha-Underground CO2 in tons by hectare

Data file: aa\_tree\_1

#### Overview

Valid: 23061    Invalid: 0    Minimum: 0.00149    Maximum: 9.557    Mean: 0.212    Standard deviation: 0.325  
 Type: Continuous    Decimal: 2    Width: 8    Format: Numeric    Weighted variable: 0

---

### TRE\_LANDUSECODE: Uso de la tierra según el número de CUT/Land use

Data file: aa\_tree\_1

**Overview**

Valid: 23061    Invalid: 0  
 Type: Discrete    Width: 6    Format: character    Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
CUA		1485	6.4%
CUAh		277	1.2%
CUAi		1	0%
CUCa		558	2.4%
CUCp		126	0.5%
CUG		685	3%
CUH		114	0.5%
CUL0D		197	0.9%
CULOI		353	1.5%
CULOR		78	0.3%
CUL1D		1626	7.1%
CUL1E		12	0.1%
CUL1I		1751	7.6%
CUL1R		225	1%
CUL2D		1532	6.6%
CUL2E		53	0.2%
CUL2I		578	2.5%
CUL2R		474	2.1%
CULBS		883	3.8%
CULP		1809	7.8%
CUMg1I		14	0.1%
CUMg2I		227	1%
CUMx0D		8	0%
CUMx0R		6	0%
CUMx1D		499	2.2%
CUMx1E		10	0%
CUMx1I		482	2.1%
CUMx1R		220	1%
CUMx2D		198	0.9%
CUMx2I		418	1.8%
CUMx2R		71	0.3%
CUP0D		99	0.4%

CUP0I		375	1.6%
CUP0R		33	0.1%
CUP1D		637	2.8%
CUP1I		1584	6.9%
CUP1R		437	1.9%
CUP2D		677	2.9%
CUP2E		206	0.9%
CUP2I		890	3.9%
CUP2R		677	2.9%
CUPn		72	0.3%
CUPna		490	2.1%
CUPr		145	0.6%
CUS		16	0.1%
CUSa		73	0.3%
CUSaf		1654	7.2%
CUSd		26	0.1%

### TRE\_LANDUSELEVEL1: Uso de la tierra en el nivel 1 (bosque y no bosque)/Land use level 1 (Forest and not forest)

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Invalid: 0  
Type: Discrete Width: 4 Format: character Weighted variable: 0

#### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
N101		17484	75.8%
N102		5577	24.2%

### TRE\_LANDUSELEVEL2: Uso de la tierra en el nivel 2/Land use level 2

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Invalid: 0  
Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
N200		883	3.8%
N201		8688	37.7%
N202		5760	25%
N203		1912	8.3%
N204		241	1%
N205		2048	8.9%
N206		3528	15.3%
N207		1	0%

### TRE\_LANDUSELEVEL3: Uso de la tierra en el nivel 3/Land use level 3

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

### CATEGORIES

Value	Category	Cases	
N300		883	3.8%
N301		1809	7.8%
N302		2637	11.4%
N303		3614	15.7%
N304		628	2.7%
N305		2450	10.6%
N306		2658	11.5%
N307		507	2.2%
N308		145	0.6%
N309		687	3%
N310		1211	5.3%
N311		14	0.1%
N312		227	1%
N313		14	0.1%
N315		2048	8.9%

N316		3528	15.3%
N317		1	0%

## TRE\_LANDUSEFAO: Uso de la tierra según categoría de FAO/Land use FAO classes

Data file: aa\_tree\_1

### Overview

Valid: 23061 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
01		17484	75.8%
02		3702	16.1%
03		1760	7.6%
04		115	0.5%

## TRE\_LANDUSEMAP1995: Uso de la tierra según el mapa de 1995/Land use map 1995

Data file: aa\_tree\_1

### Overview

Valid: 23061 Invalid: 0  
 Type: Discrete Width: 5 Format: character Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
CFBCD		1413	6.1%
CFBCR		4347	18.9%
CFBLA		11225	48.7%
CFBMI		1912	8.3%
CFBOM		241	1%
CFLAL		115	0.5%
CFTSB		3808	16.5%

**TRE\_LANDUSEMAP2009: Uso de la tierra según mapa del 2009/Land use map 2009**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
01		1413	6.1%
02		4347	18.9%
03		1912	8.3%
04		8688	37.7%
05		241	1%
06		883	3.8%
08		684	3%
09		2901	12.6%
10		1485	6.4%
11		115	0.5%
12		277	1.2%
13		115	0.5%

**TRE\_LANDUSEMAP2014: Uso de la tierra según el mapa del 2014/Land use map 2014**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
01		8688	37.7%
02		883	3.8%
03		1912	8.3%
04		1413	6.1%
05		4347	18.9%
06		241	1%

09		1485	6.4%
11		2338	10.1%
12		1247	5.4%
13		89	0.4%
16		1	0%
19		277	1.2%
22		26	0.1%
23		114	0.5%

### TRE\_ELAPSEDTIME: Tiempo transcurrido entre una medición y otra

Data file: aa\_tree\_1

#### Overview

Valid: 0 Invalid: 23061

Type: Discrete Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

#### Questions and instructions

#### CATEGORIES

Value	Category
Sysmiss	

### TRE\_AVGHEIGHT: Altura total promedio de los árboles en la UM

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Invalid: 0 Minimum: 4 Maximum: 25.1 Mean: 14.368 Standard deviation: 4.324

Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### TRE\_STDHEIGHT: Desviación estándar de la altura total promedio de los árboles en la UM

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Invalid: 0 Minimum: 0 Maximum: 10.608 Mean: 5.045 Standard deviation: 1.474

Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

### TRE\_STDUNITSHEIGHT: Desvios estándar con respecto a la media

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0 Minimum: -3.6 Maximum: 7.2 Mean: -0.000837 Standard deviation: 0.998  
 Type: Continuous Decimal: 2 Width: 8 Format: Numeric Weighted variable: 0

**TRE\_TREEDOMINANCE: Dominancia de los árboles: 01-Dominantes, 02-Codominantes, 03-Intermedios, 04-Suprimidos**

Data file: aa\_tree\_1

**Overview**

Valid: 23061 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
01		791	3.4%
02		3223	14%
03		15818	68.6%
04		3229	14%

**TRE\_COMMERCIALGROUP: Grupo comercial/Commercial group**

Data file: aa\_tree\_1

**Overview**

Valid: 8826 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

**Questions and instructions**

## CATEGORIES

Value	Category	Cases	
01		7421	84.1%
02		1405	15.9%

**TRE\_PLANTATION: Es un árbol producto de una plantación/Plantation**

Data file: aa\_tree\_1

**Overview**

Valid: 17509 Invalid: 0  
 Type: Discrete Width: 4 Format: character Weighted variable: 0

## Questions and instructions

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### CATEGORIES

Value	Category	Cases	
OR00		101	0.6%
OR01		31	0.2%
OR02		17377	99.2%

---

### TRE\_SPECIECONDITION: Especie amenazada

Data file: aa\_tree\_1

#### Overview

Valid: 172 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

## Questions and instructions

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### CATEGORIES

Value	Category	Cases	
04		172	100%

---

### TRE\_YEARDENDROCTUNUS: Año en que se afectó el área por dendroctonus

Data file: aa\_tree\_1

#### Overview

Valid: 0 Invalid: 0  
 Type: Discrete Width: 1 Format: character Weighted variable: 0

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### TRE\_POTENTIALFOREST: Bosque potencial REDD+

Data file: aa\_tree\_1

#### Overview

Valid: 23061 Invalid: 0  
 Type: Discrete Width: 2 Format: character Weighted variable: 0

## Questions and instructions

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### CATEGORIES

Value	Category	Cases	
01		7515	32.6%

02		8690	37.7%
03		151	0.7%
04		1128	4.9%
05		5577	24.2%

## TRE\_CANOPYCOVER: Categoria de cobertura de copas

Data file: aa\_tree\_1

### Overview

Valid: 23061    Invalid: 0  
 Type: Discrete    Width: 2    Format: character    Weighted variable: 0

### Questions and instructions

#### CATEGORIES

Value	Category	Cases	
00		259	1.1%
01		3287	14.3%
02		3814	16.5%
03		9102	39.5%
04		6599	28.6%

# study\_resources

## reports

### Results of the National Forest Inventory 2005-2006

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title Results of the National Forest Inventory 2005-2006  
filename Resultados\_Inventario\_Forestal\_2005-2006.pdf

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## technical\_documents

### Calculation Procedures for NFI Honduras

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title Calculation Procedures for NFI Honduras  
filename Procedimientos\_de\_calculos\_INF\_Honduras.pdf

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### Codebook (tmp)

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title Codebook (tmp)  
filename tmp\_tables.xlsx

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### Codebook (cc)

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title Codebook (cc)  
filename cc\_tables.xlsx

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### Codebook (sibp)

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title Codebook (sibp)  
filename sibp\_tables.xlsx

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### Codebook (cs)

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title Codebook (cs)  
filename cs\_tables.xlsx

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