

ArcGIS Diagrammer

Report Creation

Date Thursday, September 10, 2015
 Author dhartel/USDA on LTHP2181T4F

System Information

Operating System Microsoft Windows NT 6.1.7601 Service Pack 1
 .Net Framework 2.0.50727.5485
 Diagrammer 10.0.1.0

Geodatabase

Workspace Type Personal Geodatabase
 File C:\Users\dhartel\Documents\UFS\Administration\2014 Georgia Tech - Data Model (CCS)
 \Deliverables\ITREEECO_DB.XML

Table Of Contents

[Domains](#)
[ObjectClasses](#)
[Spatial Reference](#)

Listing of Coded Value and Range Domains.

Listing of Tables and FeatureClasses.

Listing of Spatial References used by FeatureClasses and FeatureDatasets.

[Back to Top](#)

Domains

Domain Name

[CLE](#)
[CrownWidth](#)
[DBH](#)
[DBHHT](#)
[FieldLandUse](#)
[PercentCrown](#)
[STAT](#)
[TOTHT](#)
[TreeSite](#)

Owner

Domain Type

Coded Value
 Range Domain
 Range Domain
 Range Domain
 Coded Value
 Range Domain
 Coded Value
 Range Domain
 Coded Value

[Back to Top](#)

CLE

Owner

Description Crown Light exposure - codes and descriptions

Domain Type Coded Value

Field Type Integer

Merge Policy Default Value

Split Policy Duplicate

Domain Members

Name	Value
Dead trees	-1
tree receives no full light - shaded	0
tree receives full light from top or 1 side	1
tree receives full light from top and 1 side	2
tree receives full light from top and 2 sides	3
tree receives full light from top and 3 sides	4
tree receives full light from top and 4 sides	5

[Back to Top](#)

CrownWidth

Owner

Description Crown width - limits range

Domain Type Range Domain

Field Type Double

Merge Policy Default Value

Split Policy

Duplicate

Domain Members**Name****Value**

MinValue

-1

MaxValue

300

[Back to Top](#)**DBH****Owner****Description**

DBH - limits range

Domain Type

Range Domain

Field Type

Double

Merge Policy

Default Value

Split Policy

Duplicate

Domain Members**Name****Value**

MinValue

-1

MaxValue

200

[Back to Top](#)**DBHHT****Owner****Description**

DBH measurement height - limits range

Domain Type

Range Domain

Field Type

Double

Merge Policy

Default Value

Split Policy

Duplicate

Domain Members**Name****Value**

MinValue

-1

MaxValue

6

[Back to Top](#)

FieldLandUse

Owner	
Description	Land use - codes and descriptions
Domain Type	Coded Value
Field Type	String
Merge Policy	Default Value
Split Policy	Duplicate

Domain Members

Name	Value
Residential	R
Multi-Family Residential	M
Commercial/Industrial	C
Park	P
Cemetary	E
Golf Course	G
Agricultural	A
Vacant	V
Institutional	I
Utility	U
Water/Wetlands	W
Transportation	T
Other	O

[Back to Top](#)

PercentCrown

Owner	
Description	Crown percents - limits range
Domain Type	Range Domain
Field Type	Integer

Merge Policy	Default Value
Split Policy	Duplicate
Domain Members	
Name	Value
MinValue	-1
MaxValue	100

[Back to Top](#)

STAT

Owner	
Description	Tree Status - Codes and Descriptions
Domain Type	Coded Value
Field Type	String
Merge Policy	Default Value
Split Policy	Duplicate
Domain Members	
Name	Value
Planted	P
Ingrowth	I
Unknown	U
No change in status	N
Removed for hazard/helth problems	H
Removed but healthy	C
Removed owing to land use change	L
Removed, unknown reasons	R

[Back to Top](#)

TOTHT

Owner	
Description	Tree height - limits range
Domain Type	Range Domain

Field Type	Double
Merge Policy	Default Value
Split Policy	Duplicate
Domain Members	
Name	Value
MinValue	-1
MaxValue	450

[Back to Top](#)

TreeSite

Owner	
Description	Tree site - codes and descriptions
Domain Type	Coded Value
Field Type	String
Merge Policy	Default Value
Split Policy	Duplicate
Domain Members	
Name	Value
not street tree	N
street tree	S

[Back to Top](#)

ObjectClasses

ObjectClass Name	Type	Geometry	Subtype
Stand Alone ObjectClass(s)			
FullInventory	Simple FeatureClass	Point	- SR

[Back to Top](#)

FullInventory

Alias

Blank Full Tree Inventory

Dataset Type

FeatureClass

FeatureType

Simple

Geometry:Point

Average Number of Points:0

Has M:No

Has Z:No

Grid Size:274.3360050581457

Field Name	Alias Name	Model Name	Type	Precn.	Scale	Length	Null
OBJECTID	OBJECTID	OBJECTID	OID	0	0	4	No
SHAPE	SHAPE	SHAPE	Geometry	0	0	0	Yes
TreeID	Tree ID	TreeID	Integer	0	0	4	No
Date	Date	Date	Date	0	0	8	No
Crew	Crew	Crew	String	0	0	100	Yes
X	X	X	Double	0	0	8	Yes
Y	Y	Y	Double	0	0	8	Yes
PhotoID	Photo ID	PhotoID	String	0	0	100	Yes
TreeAddress	Tree Address	TreeAddress	String	0	0	100	Yes
STAT	Tree Status	STAT	String	0	0	1	No
Species	Species or genus code	Species	String	0	0	8	No
FieldLandUse	Field land use	FieldLandUse	String	0	0	1	No
DBHHT	Height of Measurement DBH was taken	DBHHT	Double	0	0	8	No
DBH1	Diameter at Breast Height	DBH1	Double	0	0	8	No
DBH2	Diameter at Breast Height 2	DBH2	Double	0	0	8	Yes
DBH3	Diameter at Breast Height 3	DBH3	Double	0	0	8	Yes
DBH4	Diameter at Breast Height 4	DBH4	Double	0	0	8	Yes
DBH5	Diameter at Breast Height 5	DBH5	Double	0	0	8	Yes
DBH6	Diameter at Breast Height 6	DBH6	Double	0	0	8	Yes
TOTHT	Height to top of tree	TOTHT	Double	0	0	8	No
LiveTop	Height to top of live crown	LiveTop	Double	0	0	8	No
CrownBase	Height to base of crown	CrownBase	Double	0	0	8	No
CrownWidthNS	Crown width (north-south)	CrownWidthNS	Double	0	0	8	No
CrownWidthEW	Crown width (east-west)	CrownWidthEW	Double	0	0	8	No
PercentCrownMissing	percent of crown silhouette missing	PercentCrownMissing	Integer	0	0	4	No
CrownDieback	percent crown dieback	CrownDieback	Integer	0	0	4	No
CLE	Crown light exposure	CLE	Integer	0	0	4	No
TreeSite	Location of the tree (N or S)	TreeSite	String	0	0	1	No

Comments	Comments	Comments	String	0	0	225	Yes
Subtype Name	Default Value	Domain					
ObjectClass							
X	-1	-					
Y	-1	-					
STAT	U	STAT					
FieldLandUse		FieldLandUse					
DBHHT	4	DBHHT					
DBH1	-1	DBH					
DBH2	-1	DBH					
DBH3	-1	DBH					
DBH4	-1	DBH					
DBH5	-1	DBH					
DBH6	-1	DBH					
TOTHT	-1	TOTHT					
LiveTop	-1	TOTHT					
CrownBase	-1	-					
CrownWidthNS	-1	CrownWidth					
CrownWidthEW	-1	CrownWidth					
PercentCrownMissing	0	PercentCrown					
CrownDieback	0	PercentCrown					
CLE	5	CLE					
TreeSite	N	TreeSite					
Index Name	Ascending	Unique	Fields				
FDO_OBJECTID	Yes	Yes	OBJECTID				
FDO_SHAPE	Yes	No	SHAPE				

[Back to Top](#)

Spatial References

Dimension	Minimum	Precision
FullInventory		

X	-16150100	3048.0060960121928
Y	-43703500	
M	-	-
Z	-	-
Coordinate System Description		
PROJCS["NAD_1983_StatePlane_Georgia_West_FIPS_1002_Feet",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Transverse_Mercator"],PARAMETER["False_Easting",2296583.333333333],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-84.1666666666667],PARAMETER["Scale_Factor",0.9999],PARAMETER["Latitude_Of_Origin",30.0],UNIT["Foot_US",0.3048006096012192],AUTHORITY["EPSG",2240]]		

[Back to Top](#)

ArcGIS Diagrammer is prototype application and is not supported by ESRI. The commands associated with this application and the output generated by those commands are not to be used in a production environment. ESRI is not responsible for errors, omission or any damages resulting from the use of application and associated output. Use of this application is conditional on the acceptance of this statement.