FSVeg

DATA DICTIONARY

SECTION III: APPLICATION TABLES

February 2014

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NRV_APPLICATION_INFO

Contains the version number, date, description, and contact person for each version of the FSVeg interface program. This information is displayed on the first FSVeg interface screen.

Name	Size	Description
APPLICATION_ID ***Required***	VC(12)	Unique identifier for each application.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
VERSION_NUMBER ***Required***	VC(30)	The current version of each application.
APPLICATION_DESCRIPTION	VC(255)	Description of each application.
COMMENTS	VC(255)	Comments about each application.
CONTACT_INFO	VC(255)	Person to contact for additional information or assistance with each application.
FORMS_LOADER_VERSION	VC(15)	The value the forms use to put into the nrv_setting_measurement.loader_version column
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
VERSION_DATE	DATE	The date the current version of each application was released.

NRV_BARK_REF

This table contains references for the bark thickness equations which are used in the volume calculations.

Name	Size	Description
BARK_EQ ***Required***	VC(10)	A unique, numeric identifier for each bark thickness equation
DESCRIPTION	VC(960)	A brief description of each bark thickness equation (not currently used)
FUNCTION_NAME	VC(128)	The name of the PL/SQL function used in the NRV_Bark package. This package computes the bark thickness
LOCALITY	VC(240)	The geographic locality over which each equation applies. This is usually specified in terms of Region and Forest Vegetation Simulator (FVS) variant.

NRV_BARK_REF (cont.)

Name	Size	Description
ON_OFF	VC(3)	A flag to specify if this equation is available or not in the Species Configuration form Code / Description / Use: ON – Available for use in the form – All OFF – Not available – All
REFERENCE	VC(240)	A brief note about the equation source
REQUIREMENTS	VC(10)	A composite field to determine the requirement status of three entry fields on the Species Configuration form. Three characters are used; species, coef1, and coef2. Valid values are: Code / Description: O – Optional N – Not applicable R – Required For example, a value of "ONN" means cpecies is optional, coef1 is not used, and coef2 is not used on the Species Configuration form.
SPECIES	VC(8)	Bark equations are designed for a finite list of species, and each species has its own set of coefficient values. This field contains the species code for each bark equation. Constrained by by the list of species in species_list column below. If this field is NULL, the bark equation uses the species identified in Nrv_species_defaults, if appropriate.
SPECIES_LIST	Varray(200) of NRV_species_list_type VC(8)	List of species that are valid input parameters when executing this function.

NRV_CN_TEMP

This table temporarily stores the control numbers of included records.

Name	Size	Description
CN	VC(34)	A number that uniquely identifies a record from in an Oracle table.
USER_OPS_ACCT	VC(30)	The OPS$ account number of the user who created the record.

NRV_COEF

This table supports the volume reports and stores species-specific coefficients for each volume and taper equation.

Name	Size	Description
COMPUTATION ***Required***	VC(10)	The type of computation, such as HT for a height computation. This field is used as part of the primary key.
CR_RF ***Required***	VC(30)	Either a crown ratio, in percent, or the concatenated Region and Forest numbers.
EQUATION ***Required***	VC(20)	The equation number. There may be multiple equations, such as height equations, for each specieand this field differentiates the equations. This field is used as part of the primary key.
SPECIES ***Required***	VC(10)	The NRCS PLANTS code of the species represented by this record. For example, PSME = *Pseudotsuga menziesii*. This field is used as part of the primary key.
COEF1	NUMBER	First species-specific coefficient.
COEF2	NUMBER	Second species-specific coefficient.
COEF3	NUMBER	Third species-specific coefficient.
COEF4	NUMBER	Fourth species-specific coefficient.
COEF5	NUMBER	Fifth species-specific coefficient.
COEF6	NUMBER	Sixth species-specific coefficient
COEF7	NUMBER	Seventh species-specific coefficient.
COEF8	NUMBER	Eighth species-specific coefficient.
DESCRIPTION	VC(480)	Information about this set of species-specific coefficients.

NRV_CONTROLS

This table contains user defined summary control data entered in the "Summary Strategies"and the "Spatial/Non-Spatial" data input screens.

Name	Size	Description
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database server ID where the record was created.
ON_OFF ***Required***	VC(3)	Flag to indicate if the summary should be run. **Code** / **Description** / **Use** ON / Process the summary / All OFF / Do not process the summary / All

NRV_CONTROLS (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>SPATIAL
Required</td><td>VC(1)</td><td>Flag to indicate if the summary will use spatiall or non-spatial data.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>S</td><td>Summary will use a spatial mechanism</td><td>All</td></tr><tr><td>N</td><td>Summary will use a non-spatial mechanism</td><td>All</td></tr></table></td></tr>
<tr><td>SUMMARY_METHOD
Required</td><td>VC(1)</td><td>Flag to indicate if a new or updated summary will be created.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>A</td><td>Add/Update records to an existing summary</td><td>All</td></tr><tr><td>N</td><td>New summary. If this summary already exists it will completely to replace the existing summary</td><td>All</td></tr></table></td></tr>
<tr><td>SUMMARY_NAME
Required</td><td>VC(30)</td><td>Summary description</td></tr>
<tr><td>SUMMARY_NO
Required</td><td>VC(10)</td><td>Unique summary number</td></tr>
<tr><td>VPDUNIT_ID
Required</td><td>VC(10)</td><td>Code which lets a user access specific data in the database. In most cases this is the Region and Forest number which allows the user to only access and manipulate that Region’s and Forest’s data.</td></tr>
<tr><td>AGENCY</td><td>VC(4)</td><td>A non-spatial summary is restricted to data containing the specified agency. Valid choices are “USFS” or “BLM.”</td></tr>
<tr><td>ARCHIVE_FLAG</td><td>VC(1)</td><td>Should the summary include data flagged as “archived”? Valid choices are “Y” and NULL.</td></tr>
<tr><td>COUNTY</td><td>VC(3)</td><td>Non-spatial summary is restricted to data containing the specified 3-digit county code. This field is constrained by Nrv_counties.</td></tr>
<tr><td>DATE_MAX</td><td>DATE</td><td>Summary is restricted to data collected before the specified date.</td></tr>
<tr><td>DATE_MIN</td><td>DATE</td><td>Summary is restricted to data collected after the specified date.</td></tr>
<tr><td>DIAMETER_TYPE</td><td>VC(4)</td><td>Holds the value the user chooses for calculating diameter in the summary applications. Valid choces are AVG, QMD, QMD1 and QMD5. The default is QMD1.</td></tr>
<tr><td>DISTRICT_NO</td><td>VC(2)</td><td>Non-spatial summary is restricted to data containing the specified District number.</td></tr>
<tr><td>EXCEED_AGE</td><td>N(3)</td><td>Summary is restricted to data younger than the specified age.</td></tr>
<tr><td>FOREST_ADMIN</td><td>VC(2)</td><td>Non-spatial summary is restricted to data containing the specified administrative Forest number.</td></tr>
<tr><td>FOREST_PROC</td><td>VC(2)</td><td>Non-spatial summary is restricted to data containing the specified proclaimed Forest number.</td></tr>
<tr><td>LAST_RUN_DATE</td><td>DATE</td><td>System generated. Date on which the summary was last started.</td></tr>
</table>

NRV_CONTROLS (cont.)

Name	Size	Description
LAST_RUN_START_TIME	DATE	**System generated**. Time at which the summary was last started.
LAST_SETTING_CNT	N(5)	**System generated.** The number of settings summarized the last time the summary was run. This is also the number of records located in Nrv_characterizations associated with this summary.
LAST_SUBGRP_CNT	N(6)	**System generated.** The number of subgroups attached to a summary the last time it was run.
LAST_TEMP_CNT	N(3)	**System generated.** The number of templates attached to the summary the last time it was run.
LOCATION	VC(16)	Non-spatial summary is restricted to data containing the specified location data.
MEASUREMENT_DATE	DATE	Summary is restricted to data containing the specified measurement date.
MEASUREMENT_NO	VC(4)	Non-spatial summary is restricted to data containing the specified measurement number.
MODIFIED_BY	VC(30)	The name of the person who last modified the record.
MODIFIED_DATE	DATE	The date the record was last modified.
MODIFIED_IN_INSTANCE	N(6)	The database server ID where the record was last modified.
PROJECT_NAME	VC(25)	Non-spatial summary is restricted to data containing the specified project name.
PURPOSE_CODE	VC(4)	Summary is restricted to data containing the specified exam purpose code.
REGION_ADMIN	VC(2)	Non-spatial summary is restricted to data containing the specified administrative Region number.
REGION_NO	VC(2)	Non-spatial summary is restricted to data containing the specified proclaimed Region number.
REMARKS	VC(255)	Remarks about the summary.
STAND_CLUSTER_FLAG	VC(1)	Flag to indicate if the data is stand or cluster data.
STATE	VC(2)	Non-spatial summary is restricted to data containing the specified 2-character State code. Constrained by Nrv_states
SUMMARIZE_COVER	VC(1)	Include sumaarized cover data? Valid values are “Y” and “N,” the default is “N.”

NRV_CON_GRP_MTX

This table contains columns describing summary groupings that are used to group setting data. This matrix is generated from the Nrv_groups table.

Name	Size	Description
SUMMARY_NO ***Required***	VC(10)	Nrv_controls.summary_no
TEMPLATE_NAME ***Required***	VC(24)	Nrv_groups.template_name
USER_OPS_ACCT ***Required***	VC(30)	Nrv_groups.user_ops_acct

NRV_COVER_ID_CONTROL

Contains columns describing the spatial strategies to create each summary. The user, in the "Spatial/Non-Spatial" data input screen, enters this data.

Name	Size	Description
COVERAGE_NAME ***Required***	VC(30)	The name of the spatial data coverage(s) driving the summary.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database server ID where the record was created.
SUMMARY_NO ***Required***	VC(10)	Nrv_controls.summary_no
ARCHIVE_FLAG	VC(1)	Used for spatial summary data selection. Y = Should the summary include data flagged as "archived"?
CURRENT_FLAG	VC(1)	Flag to indicate if the summary will use the current coverage or a historic coverage **Code** / **Description** / **Use** C / Current coverage / All H / Historic coverage / All
DATE_MAX	DATE	Used for spatial summary data selection. The summary is restricted to data younger than the specified age.
DATE_MIN	DATE	Used for spatial summary data selection. The summary is restricted to data collected after the specified date.
EXCEED_AGE	N(3)	Used for spatial summary data selection. The summary is restricted to data collected after the specified date.
GIS_RELATE_KEY	VC(30)	Item name in the coverage that contains the polygon ID or key which links the polygon to the attribute data in FSVeg. The polygon ID is stored in Nrv_setting_measurements.gis_link
LAST_SETTING_CNT	N(5)	The number of settings summarized the last time the summary was run.
MODIFIED_BY	VC(30)	The name of the person who last modified the record.
MODIFIED_DATE	DATE	The date the record was last modified.
MODIFIED_IN_INSTANCE	N(6)	The database server ID where the record was last modified.
PATH	VC(150)	The path to the spatial data coverage
REMARKS	VC(255)	Remarks about the spatial data coverage.

NRV_DEFECT_REF

Contains the methods used to compute tree defect for net volume computations.

Name	Size	Description
DEFECT_EQ ***Required***	VC(10)	Unique defect equation identifier.
DESCRIPTION	VC(960)	Description of each defect equation.
FUNCTION_NAME	VC(128)	The function name and input parameters used to execute the equation from an SQL query.
LOCALITY	VC(240)	Geographic location where the equation is valid.
ON_OFF	VC(3)	Flag to determine if the reference should be displayed on the forms. Valid values are "ON" and "OFF".
REFERENCE	VC(240)	Author and title of the document from which the equation was obtained
REQUIREMENTS	VC(10)	Codes used by the data input forms to indicate which input parameters are required, optional, or not applicable.
SPECIES	VC(8)	Species for which the equation is valid.
SPECIES_LIST	Varray(200) of VC(8)	List of species that are valid input parameters when executing the function.

NRV_FIA_STOCKING_COEF

Describes the coefficients for forest stocking calculation of each stocking species group.

Name	Size	Description
STOCKING_SPGRPCD ***Required***	Integer	FIA numberic code for species group.
B0 ***Required***	Number	The first coefficient for stocking calculation.
B1 ***Required***	Number	The second coefficient for stocking calculation.
CREATED_BY ***Required***	VC(30)	Contact who created these coefficients.
CREATED_DATE ***Required***	Date	Date the coefficients were created.
MODIFIED_BY	VC(30)	Contact who modified these coefficients.
MODIFIED_DATE	Date	Date modifications were made.

NRV_FIA_STOCKING_SPECIES

List of FIA species symbols, numeric codes and their stocking and forest type group codes.

Name	Size	Description
SPECIES_SYMBOL ***Required***	VC(8)	NRCS PLANTS code of this species.
SPCD ***Required***	Integer	FIA numberic code for the species.
STOCKING_SPGRPCD ***Required***	Integer	FIA numberic group code for the species stocking calculation.
FOREST_TYPE_SPGRPCD ***Required***	Integer	FIA numberic group code for the species forest type calculation.
SOFT_HARD ***Required***	VC(1)	Indicator of hardwood or softwood. H = hardwood, S = softwood
CREATED_BY ***Required***	VC(30)	Contact who created these coefficients.
CREATED_DATE ***Required***	Date	Date the coefficients were created.
MODIFIED_BY	VC(30)	Contact who modified these coefficients.
MODIFIED_DATE	Date	Date modifications were made.

NRV_FIALDR_CROSSWALK

Describes the relationships between four different FIA reference tables.

Name	Size	Description
FIADB_CN ***Required***	VC(34)	Foreign key to Nrv_fialdr_fiadb_ref.
FSVEG_CN ***Required***	VC(34)	Foreign key to Nrv_fialdr_fSVeg_ref.
RULE_CN ***Required***	VC(34)	Foreigh key to Nrv_fialdr_rule.
VALUE_CN ***Required***	VC(34)	Foreign key to Nrv_fialdr_value_definition.

NRV_FIALDR_ERROR_WARNING_LOG

Used by the NIMSLOAD program to store warning and error information, this may occur when the program is executed.

Name	Size	Description
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
CN ***Required***	VC(34)	A system generated sequence number that uniquely identifies each row of data in this table.
SETDATA_CN ***Required***	VC(34)	Foreign key to Nrv_fialdr_setting_data
ERROR_WARNING_CODE ***Required***	N(6)	Oracle or program defined code that uniquely identifies error and warnings.
CALLING_PACKAGE ***Required***	VC(30)	Name of PL/SQL package generating the error or warning.
CALLING_PROCEDURE ***Required***	VC(30)	Name of PL/SQL procedure generating the error or warning.
CODE_RULE	VC(8)	Rule used to convert FIA data to FSVeg data
ERROR_WARNING	VC(1)	Flag indicating if this is an error ('E') or warning ('W').
ERROR_WARNING_MESSAGE	VC(2000)	Oracle or program generated message describint the error or warning.
FIA_COLUMN	VC(30)	Column name containing thesource FIA data
FIA_TABLE	VC(33)	Table name containing thesource FIA data
FIA_VALUE	VC(2000)	The actual source FIA data
FSVEG_COLUMN	VC(30)	Column name where the source FIA data will be placed after it is translated
FSVEG_TABLE	VC(33)	Table name where the source FIA data will be placed after it is translated
FSVEG_VALUE	VC(2000)	Translated FIA data
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
REMARKS	VC(2000)	Remarks about this error or warning record.

NRV_FIALDR_FIADB_REF

Identifyies the tables and columns in the National FIADB.

Name	Size	Description
BEGIN_MANUAL_CN ***Required***	VC(34)	Foreign key to Nrv_fialdr_manual_ref. References the first FIA field guide to define this record
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
COLUMN_FORMAT ***Required***	VC(10)	FIA column format.
COLUMN_NAME ***Required***	VC(30)	FIA column name.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database server ID where the record was created.
END_MANUAL_CN ***Required***	VC(34)	Foreign key to Nrv_fialdr_manual_ref. References the last FIA field guide to define this record
MODIFIED_BY	VC(30)	The name of the person who last modified the record.
MODIFIED_DATE	DATE	The date the record was last modified.
MODIFIED_IN_INSTANCE	N(6)	The database server ID where the record was last modified.
TABLE_NAME ***Required***	VC(33)	FIA table name.

NRV_FIALDR_FIADB_TAB_PRIORITY

Describes the priority to load each FIA table in Nrv_fialdr_fiadb_ref.

Name	Size	Description
CN	VC(34)	A system generated sequence number to uniquely identify a row of data in this table
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database server ID where the record was created.
PRIORITY ***Required***	N(3)	Priority in which to load each FIA table
TABLE_NAME ***Required***	VC(33)	FIA table name.
MODIFIED_BY	VC(30)	The name of the person who last modified the record.
MODIFIED_DATE	DATE	The date the record was last modified.
MODIFIED_IN_INSTANCE	N(6)	The database server ID where the record was last modified.

NRV_FIALDR_FSVEG_REF

Contains information about the FSVeg table, column and format, for cross-walked FIA data.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
COLUMN_FORMAT ***Required***	VC(10)	FSVeg column format.
COLUMN_NAME ***Required***	VC(30)	FSVeg column name.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database server ID where the record was created.
TABLE_NAME ***Required***	VC(33)	FSVeg table name.
MODIFIED_BY	VC(30)	The name of the person who last modified the record.
MODIFIED_DATE	DATE	The date the record was last modified.
MODIFIED_IN_INSTANCE	N(6)	The database server ID where the record was last modified.

NRV_FIALDR_MANUAL_REF

Describes the FIA field manuals referenced by the NIMSLOAD software.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database server ID where the record was created.
OWNER ***Required***	VC(10)	Identifyies a specific manual, user's guide, handbook, etc. **Code** / **Description** / **Use** FSVEG / FSVeg User Guide / FIA CORE / FIA Core User Guide / FIA
RELEASE_DATE ***Required***	DATE	Date the document specied in the Owner field was released.
TITLE ***Required***	VC(255)	Title of the document specieid in the Owner field

NRV_FIALDR_MANUAL_REF (cont.)

Name	Size	Description
VERSION ***Required***	VC(10)	Version number of the document specified in the Owner field. For example, '1.5' for the FIA Core National 2001 Field Manual.
MODIFIED_BY	VC(30)	The name of the person who last modified the record.
MODIFIED_DATE	DATE	The date the record was last modified.
MODIFIED_IN_INSTANCE	N(6)	The database server ID where the record was last modified.

NRV_FIALDR_MANUAL_RULE

Used by the NIMSLOAD program to determine when sample designs are installed on inventoried FIA plots.

Name	Size	Description
CODE_RULE ***Required***	VC(8)	Unique key for each code
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database server ID where the record was created.
DESCRIPTION ***Required***	VC(4000)	Description of when a sample design is installed or the code is used dynamically to make a decision
MANUAL_RULE_CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table
MODIFIED_BY	VC(30)	The name of the person who last modified the record.
MODIFIED_DATE	DATE	The date the record was last modified.
MODIFIED_IN_INSTANCE	N(6)	The database server ID where the record was last modified.

NRV_FIALDR_MANUAL_RULE_MATRIX

Used by the NIMSLOAD program to validate which sample designs are installed on inventoried FIA plots.

Name	Size	Description
BEGIN_MANUAL_CN ***Required***	VC(348)	Foreign key to Nrv_fialdr_manual_ref. References the first FIA field guide used to implement a sample rule
END_MANUAL_CN ***Required***	VC(34)	Foreign key to Nrv_fialdr_manual_ref. References the last FIA field guide used to implement a sample rule
MANUAL_RULE_CN ***Required***	VC(34)	Foreign key to Nrv_fialdr_manual_rule
SD_SUBGRP_CN ***Required***	VC(34)	Foreign key to Nrv_sample_design_groups

NRV_FIALDR_PROJECT_DATA

Used by the NIMSLOAD program to store run-time information less than 6 months old.

Name	Size	Description
PROJECT_INSTANCE ***Required***	VC(80)	Unique identifier for each load.
PROJECT_NAME ***Required***	VC(25)	Unique defined name for each load.
CORE_LOADER_VERSION ***Required***	VC(15)	Version of the loader that loaded the core FIA data.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
FSVEG_TNS_NAME	VC(50)	TNS name for target FSVeg tables.
MAJORITY	VC(1)	Set to "Y" when data is loaded with majority logic
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
REGIONAL_LOADER_VERSION	VC(15)	Version of the loader that loaded regional FIA data.
RUN_TIME_HOURS	N(2)	The hour component of the time it took to load the data
RUN_TIME_MINUTES	N(2)	The minute component of the time it took to load the data
RUN_TIME_SECS	N(2)	The second component of the time it took to load the data

NRV_FIALDR_RULE

Describes the rules used to crosswalks FIADB data into FSVeg.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
CODE_RULE ***Required***	VC(8)	The NIMSLOAD program migrates data from FIADB into FSVEG using a number of data translation rules. Each rule has a unique number.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database server ID where the record was created.
DESCRIPTION ***Required***	VC(4000)	Describes the NIMSLOAD data translation rule.
MODIFIED_BY	VC(30)	The name of the person who last modified the record.
MODIFIED_DATE	DATE	The date the record was last modified.
MODIFIED_IN_INSTANCE	N(6)	The database server ID where the record was last modified.

NRV_FIALDR_RXLOAD_VALUE

Stores temporary values during NIMSLOAD runtime.

Name	Size	Description
COLUMN_NAME ***Required***	VC(30)	FSVeg column name.
RECORD_INDEX ***Required***	N(3)	Table in NIMSLOAD packages.
TABLE_NAME ***Required***	VC(33)	FSVeg table name.
COLUMN_FORMAT	VC(10)	FSVeg column format.
COLUMN_VALUE	VC(2000)	Value to be placed into FSVeg table column.
PROJECT_INSTANCE	VC(80)	Foreign key to Nrv_fialdr_project_data

NRV_FIALDR_SCHEMA_MATRIX

Matrix table, used by NIMSLOAD, to create schemas to toables and columns by priority.

Name	Size	Description
FIADB_CN ***Required***	VC(34)	Foreign key to Nrv_fialdr_fiadb_ref
SCHEMA_CN ***Required***	VC(34)	Foreign key to Nrv_fialdr_schema_ref
TAB_PRIORITY_CN ***Required***	VC(34)	Foreign key to Nrv_fialdr_fiadb_tab_priority

NRV_FIALDR_SCHEMA_REF

Usedby NIMSLOAD to store target NIMS database information from which to pull data.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database server ID where the record was created.
LINK_NAME ***Required***	VC(30)	Target NIMS database link name
SCHEMA_NAME ***Required***	VC(30)	Target NIMS database schema
STATION ***Required***	VC(30)	Target NIMS database FIA Station host
COND_NAME	VC(30)	Target NIMS database; condition table identifier

NRV_FIALDR_SCHEMA_REF (cont.)

Name	Size	Description
MODIFIED_BY	VC(30)	The name of the person who last modified the record.
MODIFIED_DATE	DATE	The date the record was last modified.
MODIFIED_IN_INSTANCE	N(6)	The database server ID where the record was last modified.
PLOT_NAME	VC(30)	Target NIMS database plot table identifier
REMARKS	VC(200)	Notes about this database record
SUFFIX	VC(30)	Target NIMS database suffix, used to to identify regional tables
SURVEY_NAME	VC(30)	Target NIMS database survey table identifier

NRV_FIALDR_SETTING_DATA

Contains the settings loaded by NIMSLOAD from FIA databases. It is periodically cleaned out to remove data over six months old.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number that uniquely identifies each row of data in this table.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
CYCLE_NUMBER ***Required***	N(2)	Inventory cycle number designated by FIA.
PROJECT_INSTANCE ***Required***	VC(80)	Foreign key to Nrv_fialdr_project_data
SETTING_ID ***Required***	VC(30)	Nrv_setting_measurements.setting_id
SUBCYCLE_NUMBER ***Required***	N(2)	Inventory subcycle number designated by FIA.
COUNTYCD	VC(3)	Standard 3-digit FIPS county code.
MANUAL_DB	N(3,1)	Manual version at which target data is stored in NIMS
MEASUREMENT_DATE	DATE	The date the setting was measured. If the actual day is not known, the year and/or month are entered.
MEASUREMENT_ORGANIZATION	VC(15)	Organization or person responsible for data collection.

Code	Description	Use
	Examiner name	CSE
22	Rocky Mountain Research Station	FIA
23	North Central Research Station	FIA
24	Northeastern Research Station	FIA
26	Pacific Northwest Research Station	FIA
27	Alaska - Pacific Northwest Research Station	FIA
33	Southern Research Station	FIA

NRV_FIALDR_SETTING_DATA (cont.)

Name	Size	Description
MEAS_ORG_LOCATOR_COLUMN	VC(30)	FIA column name indentifying the source plot.
MEAS_ORG_LOCATOR_SCHEMA	VC(30)	FIA schema name indentifying the source plot.
MEAS_ORG_LOCATOR_TABLE	VC(30)	FIA table name indentifying the source plot.
MEAS_ORG_LOCATOR_TNS_NAME	VC(50)	TNS name for source FIA tables.
MEAS_ORG_LOCATOR_VALUE	VC(34)	FIA value, in combination with FIA meas_org_locator_schema, meas_org_locator_table, and meas_org_locator_column, uniquely identifies the source plot.
MEAS_STD_ID	VC(12)	Foreign key to Nrv_measurement_standards. Identifies the measurement standards used throughout the setting.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
PLOT	VC(8)	Plot number designated by FIA.
SCHEMA_CN_CORE	VC(34)	Foreign key to Nrv_fialdr_schema_ref for core data
SCHEMS_CN_REGIONAL	VC(34)	Foreign key to Nrv_fialdr_schema_ref for regional data
SETMEAS_CN	VC(34)	Foreign key to Nrv_setting_measurements. Obtained from NRV_Setting_Measurements.cn
SPECIAL_SETTING_CD	VC(50)	Code string describing the plot meta data
STATECD	VC(2)	Standard 2-digit FIPS state code.
UNITCD	VC(2)	Survey unit code designated by FIA.
VALID	VC(1)	Flag indicating if setting is valid for load. Y = valid

NRV_FIALDR_SQL_INSERT

Describes the process to insert FIADB data into FSVEG.

Name	Size	Description
CODE_INSERT ***Required***	N(3)	Identifying code for the SQL insert statement.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database server ID where the record was created.
DESCRIPTION ***Required***	VC(255)	Description of the values in the list_of_tables field.
LIST_OF_TABLES ***Required***	VC(4000)	List of tables and identifiers used to insert FIADB data into FSVeg.
NUMBER_OF_TABLES ***Required***	N(3)	Number of tables contained in the list_of_tables field.
MODIFIED_BY	VC(30)	The name of the person who last modified the record.
MODIFIED_DATE	DATE	The date the record was last modified.
MODIFIED_IN_INSTANCE	N(6)	The database server ID where the record was last modified.

NRV_FIALDR_SQL_JOIN_MATRIX

Used by NIMSLOAD to store complex table joins in NIMS.

Name	Size	Description
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database server ID where the record was created.
FROM_CLAUSE ***Required***	VC(500)	"From" portion of SQL clause used in the join
SCHEMA_CN ***Required***	VC(34)	Foreign key to Nrv_fialdr_schema_ref
TAB_PRIORITY_CN ***Required***	VC(34)	Foreign key to Nrv_fialdr_fiadb_tab_priority
WHERE_CLAUSE ***Required***	VC(500)	"Where" portion of SQL clause used in the join
MODIFIED_BY	VC(30)	The name of the person who last modified the record.
MODIFIED_DATE	DATE	The date the record was last modified.
MODIFIED_IN_INSTANCE	N(6)	The database server ID where the record was last modified.

NRV_FIALDR_SQL_SELECT

Describing the process used to query data from FIADB.

Name	Size	Description
CODE_SELECT ***Required***	N(3)	Identifying code for the SQL select statement.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database server ID where the record was created.
DESCRIPTION ***Required***	VC(255)	Description of the Statement field
NUMBER_OF_VARIABLES ***Required***	N(3)	Number of variables in the Statement field
STATEMENT ***Required***	VC(4000)	Partial SQL select statement used to acquire data from FIADB.
MODIFIED_BY	VC(30)	The name of the person who last modified the record.
MODIFIED_DATE	DATE	The date the record was last modified.
MODIFIED_IN_INSTANCE	N(6)	The database server ID where the record was last modified.

NRV_FIALDR_VALUE_DEFINITION

Describes the codes found in FIADB and FSVeg.

Name	Size	Description
BEGIN_MANUAL_CN ***Required***	VC(34)	Foreign key to Nrv_fialdr_manual_ref. References the first FIA field guide to define this record
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database server ID where the record was created.
MANUAL_UPDATE_FIA ***Required***	VC(1)	**Code** / **Description** / **Use** Y / There is an updated version of this data in another recorded associated with a newer FIADB manual. / FIA N / This is the most current version of this data. / FIA
MANUAL_UPDATE_FSVEG ***Required***	VC(1)	**Code** / **Description** / **Use** Y / There is an updated version of this data in another recorded associated with a newer FSVeg manual. / N / This is the most current version of this data. /
CODE_FIA	VC(50)	Valid variable for population of FIADB table and column associated through Nrv_fialdr_crosswalk table and located in Nrv_fialdr_fsveg_ref.
CODE_FSVEG	VC(50)	Valid variable for population of FSVeg table and column associated through Nrv_fialdr_crosswalk table and located in Nrv_fialdr_fsveg_ref
DESCRIPTION_FIA	VC(255)	A complete description of fsveg_code
DESCRIPTION_FSVEG	VC(255)	A complete description of fia_code
END_MANUAL_CN	VC(34)	Foreign key to Nrv_fialdr_manual_ref. References the last FIA field guide to define this record
MODIFIED_BY	VC(30)	The name of the person who last modified the record.
MODIFIED_DATE	DATE	The date the record was last modified.
MODIFIED_IN_INSTANCE	N(6)	The database server ID where the record was last modified.
OWNER_FIA	VC(10)	The agency, which collected the code_fia variable. Examples are CORE, PNWRS, and RMRS.
VALUE_FIA	VC(255)	Breakdown of code_fia
VALUE_FSVEG	VC(255)	Breakdown of code_fsveg.

NRV_FORM_REF

Stores the methods used to compute tree form class.

Name	Size	Description
FORM_EQ ***Required***	VC(10)	Volume form class identifier.
DESCRIPTION	VC(960)	A brief description of each form class equation.
FUNCTION_NAME	VC(128)	The name of the PL/SQL function used in the Nrv_form package. This package computes the form class.
LOCALITY	VC(240)	The geographic locality over which each equation applies. This is usually specified in terms of Region and Forest Vegetation Simulator (FVS) variant.
ON_OFF	VC(3)	A flag to specify if this equation is available or not in the Species Configuration form. **Code** / **Description** / **Use** ON / Available for use in the form / All OFF / Not available / All
REFERENCE	VC(240)	A brief note about the equation source
REQUIREMENTS	VC(10)	A composite field to determine the requirement status of three entry fields on the Species Configuration form. Three characters are used; species, coef1, and coef2. Valid values are: **Code** / **Description** O / Optional N / Not applicable R / Required For example, a value of "ONN" means species is optional, coef1 is not used, and coef2 is not used on the Species Configuration form.
SPECIES	VC(8)	Form class equations are designed for a finite list of species, and each species has its own set of coefficient values. This field contains the species code for each form class equation. Constrained by values in the list of species in species_list. If this field is NULL, the form class equation uses the species identified in Nrv_species_defaults, if appropriate.
SPECIES_LIST	Varray(200) of VC(8)	List of species that are valid input parameters when executing this function.

NRV_FSVEG_SUM_DEBUG

Stores error messages if a problem occurs when summary data is processed.

Name	Size	Description
CREATED_DATE ***Required***	DATE	The date the record was created.
ERROR_TEXT	VC(160)	Description of the error
OPS_USER_ACCT	VC(30)	The OPS$ account number of the user who created the summary.
SEQ	N(5)	Sequence number of the error message. Default = 0

NRV_FVS_VARIANTS

Contains data used in the Fvs_db_link utility. Used to assign a default FVS variant based on the Region and Forest.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database server ID where the record was created.
FOREST_ADMIN	VC(2)	Administrative Forest number
FOREST_ADMIN_NAME	VC(50)	Administrative Forest name
FOREST_PROC	VC(2)	Proclaimed Forest number
FOREST_PROC_NAME	VC(50)	Proclaimed Forest name
FVS_VARIANT	VC(11)	Default FVS variant number assigned based on the Region and Forest numbers
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
REGION_ADMIN	VC(2)	Administrative Region number.
REGION_PROC	VC(2)	Proclaimed Region number.

NRV_GROUPS

Contains information about form, report, or view templates.

Name	Size	Description
TEMPLATE_NAME ***Required***	VC(24)	Name of the group template. This corresponds to a particular form, report, view, or summary table.
USER_OPS_ACCT ***Required***	VC(30)	The OPS$ account number of the user who created the group.
CLIENT_PRODUCT_ID	VC(20)	Form, view, or report this group template is for.
TEMPLATE_DESC	VC(255)	Description of the group template.

NRV_GROUPS_MASTER

Contains information about group templates.

Name	Size	Description
TEMPLATE_NAME ***Required***	VC(24)	Name of the group template. This corresponds to a particular form, report, view, or summary table.
USER_OPS_ACCT ***Required***	VC(30)	The OPS$ account number of the user who created the group.
CLIENT_PRODUCT_ID	VC(20)	Form, view, or report this group template is for.
LOCKED_FOR_SPATIAL	VC(1)	Used to prevent the deletion of master template group records for FSVeg Spatial.
TEMPLATE_DESC	VC(255)	Description of the group template.
VPDUNIT_ID	VC(10)	Currently used only for filtering on forms.

NRV_GRP_BY_SUMMARY_TEMP

Supports summarizing the grouping data that goes in nrv_group_by. These columns are duplicates of the nrv_stid_summary_base_temp columns. To create grouping records, records that belong in the group from the nrv_stid_summary_base_temp are pulled into this table. Once the grouping record is created, this table is flushed and a new set of records for the next group is pulled in from nrv_stid_summary_base_temp.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
AGE	N(4)	Nrv_stid_summary_base_temp.age
BA_PLOT_EQ	N(8,4)	Nrv_stid_summary_base_temp.plot_ba_eq
BA_STAND_EQ	NUMBER	Nrv_stid_summary_base_temp.stand_ba_eq
BOARD_VOLUME	NUMBER	Nrv_stid_summary_base_temp.board_volume
CONE_SEROTINY	VC(2)	Percent of the cones that are serotonous.
CR	N(3)	Nrv_stid_summary_base_temp.cr.

NRV_GRP_BY_SUMMARY_TEMP (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>CROWN_BASE_HEIGHT</td><td>N(6,3)</td><td>Vertical distance from the ground to the base of the live crown (Curtis 1983). Sometimes called height to crown. Stored in feet.</td></tr>
<tr><td>CROWN_CLASS</td><td>VC(2)</td><td>Relative position of the tree with respect to other trees or competing vegetation. Crown class for each tree is judged in the context of its immediate environment; that is, those trees which are competing for sunlight with the subject tree. This is a useful descriptor of the competitive status of trees in all structural types of stands, although crown classes were originally conceived to classify trees in even-aged or storied stands.
<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>OP</td><td>Open grown, crown receives optimal sunlight above and sides.</td><td>CSE</td></tr>
<tr><td>DO</td><td>Dominant, full sunlight from above and partly from sides.</td><td>CSE</td></tr>
<tr><td>CO</td><td>Codominant, full sunlight from above, but little from sides.</td><td>CSE</td></tr>
<tr><td>IN</td><td>Intermediate, sunlight only from holes in canopy</td><td>CSE</td></tr>
<tr><td>OV</td><td>Overtopped</td><td>CSE</td></tr>
<tr><td>RE</td><td>Remnant</td><td>CSE</td></tr>
<tr><td>AB</td><td>Leader above brush</td><td>CSE</td></tr>
<tr><td>IB</td><td>Leader within brush</td><td>CSE</td></tr>
<tr><td>UB</td><td>Leader overtopped by brush</td><td>CSE</td></tr>
<tr><td>SU</td><td>Suppressed, no sunlight, below canopy in even-aged stands.</td><td></td></tr>
<tr><td>UN</td><td>Understory</td><td></td></tr>
</table>
</td></tr>
<tr><td>CUBIC_VOLUME</td><td>NUMBER</td><td>Nrv_stid_summary_base_temp.cubic_volume</td></tr>
<tr><td>DBH</td><td>NUMBER</td><td>Nrv_stid_summary_base_temp .dbh</td></tr>
<tr><td>DIAMETER</td><td>N(7,4)</td><td>Nrv_stid_summary_base_temp.diameter</td></tr>
<tr><td>DISTURB_AGENT_SEV1</td><td>VC(3)</td><td>Disturbance severity 1, constrained by Nrv_severity_ratings</td></tr>
<tr><td>DISTURB_AGENT_SEV2</td><td>VC(3)</td><td>Disturbance severity 2, constrained by Nrv_severity_ratings</td></tr>
<tr><td>DISTURB_AGENT_SEV3</td><td>VC(3)</td><td>Disturbance severity 3, constrained by Nrv_severity_ratings</td></tr>
<tr><td>DISTURB_AGENT_SEV4</td><td>VC(3)</td><td>Disturbance severity 4, constrained by Nrv_severity_ratings</td></tr>
<tr><td>DISTURB_AGENT_SEV5</td><td>VC(3)</td><td>Disturbance severity 5, constrained by Nrv_severity_ratings</td></tr>
<tr><td>DISTURB_AGENT1</td><td>VC(3)</td><td>Disturbance agent code 1, constrained by Nrv_disturbance_agents</td></tr>
<tr><td>DISTURB_AGENT2</td><td>VC(3)</td><td>Disturbance agent code 2, constrained by Nrv_disturbance_agents</td></tr>
<tr><td>DISTURB_AGENT3</td><td>VC(3)</td><td>Disturbance agent code 3, constrained by Nrv_disturbance_agents</td></tr>
</table>

NRV_BARK_REF (cont.)

Name	Size	Description
DISTURB_AGENT4	VC(3)	Disturbance agent code 4, constrained by Nrv_disturbance_agents
DISTURB_AGENT5	VC(3)	Disturbance agent code 5, constrained by Nrv_disturbance_agents
DISTURB_CATEGORY1	VC(2)	Disturbance category code 1, constrained by Nrv_disturbance_categories
DISTURB_CATEGORY2	VC(2)	Disturbance category code 2, constrained by Nrv_sisturbance_categories
DISTURB_CATEGORY3	VC(2)	Disturbance category code 3, constrained by Nrv_disturbance_categories
DISTURB_CATEGORY4	VC(2)	Disturbance category code 4, constrained by Nrv_disturbance_categories
DISTURB_CATEGORY5	VC(2)	Disturbance category code 5, constrained by Nrv_disturbance_categories
DISTURB_EFFECT_SEV1	VC(3)	Disturbance effect severity 1, stored in percent.
DISTURB_EFFECT_SEV2	VC(3)	Disturbance effect severity 2, stored in percent.
DISTURB_EFFECT_SEV3	VC(3)	Disturbance effect severity 3, stored in percent.
DISTURB_EFFECT1	VC(3)	Disturbance effect 1, constrained by Nrv_physical_effects
DISTURB_EFFECT2	VC(3)	Disturbance effect 2, constrained by Nrv_physical_effects
DISTURB_EFFECT3	VC(3)	Disturbance effect 3, constrained by Nrv_physical_effects
DISTURB_EFFECT4	VC(3)	Disturbance effect 4, constrained by Nrv_physical_effects
DISTURB_EFFECT5	VC(3)	Disturbance effect 5, constrained by Nrv_physical_effects
DISTURB_TREE_PART1	VC(2)	Tree part affected by disturbance 1, constrained by Nrv_tree_part_codes
DISTURB_TREE_PART2	VC(2)	Tree part affected by disturbance 2, constrained by Nrv_tree_part_codes
DISTURB_TREE_PART3	VC(2)	Tree part affected by disturbance 3, constrained by Nrv_tree_part_codes
DISTURB_TREE_PART4	VC(2)	Tree part affected by disturbance 4, constrained by Nrv_tree_part_codes
DISTURB_TREE_PART5	VC(2)	Tree part affected by disturbance 5, constrained by Nrv_tree_part_codes
DOWN_FLAG	VC(1)	Flag to indicate that a tree is on the ground: Y = yes, the tree is down, not freestanding
DRC	NUMBER	Nrv_stid_summary_base_temp.drc
HEIGHT	N(7,4)	Nrv_stid_summary_base_temp.height
HEIGHT_GROWTH	NUMBER	Nrv_stid_summary_base_temp.annual_height_growth
LIVE_DEAD	VC(1)	Nrv_stid_summary_base_temp.live_dead

NRV_GRP_BY_SUMMARY_TEMP (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>LOG_DECAY_CLASS</td><td>VC(2)</td><td>Current condition of a down, dead tree:

<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>1</td><td>Bark intact, bole twigs, round, recently fallen "green."</td><td>CSE</td></tr>
<tr><td>2</td><td>Bark intact, twigs absent, soft texture, round, branches.</td><td>CSE</td></tr>
<tr><td>3</td><td>Trace of bark, twigs gone, round, log near ground, no branches.</td><td>CSE</td></tr>
<tr><td>4</td><td>Bark absent, twigs and branches gone, blocky texture, oval shape.</td><td>CSE</td></tr>
<tr><td>5</td><td>No bark or twigs, soft powdery texture, oval shape.</td><td>CSE</td></tr>
</table>
</td></tr>
<tr><td>MERCH_CUBIC_VOLUME</td><td>NUMBER</td><td>Nrv_stid_summary_base_temp.merch_cubic_volume</td></tr>
<tr><td>OFF_PLOT_FLAG</td><td>VC(1)</td><td>Nrv_stid_summary_base_temp.off_plot_flag</td></tr>
<tr><td>PLOT</td><td>VC(4)</td><td>Nrv_stid_summary_base_temp.plot</td></tr>
<tr><td>PROJECT_NAME</td><td>VC(25)</td><td>Nrv_stid_summary_base_temp.project_name</td></tr>
<tr><td>RADIAL_GROWTH</td><td>NUMBER</td><td>Nrv_stid_summary_base_temp.annual_radial_growth</td></tr>
<tr><td>RECENT_MORTALITY_FLAG</td><td>VC(1)</td><td>Nrv_stid_summary_base_temp.recent_mortality_flag</td></tr>
<tr><td>SETTING_ID</td><td>VC(30)</td><td>Nrv_stid_summary_base_temp.setting_id</td></tr>
<tr><td>SNAG_DECAY_CLASS</td><td>VC(2)</td><td>The current condition of a standing dead tree:

<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>1</td><td>All limbs, pointed top, 100% bark, intact sapwood, height intact.</td><td>CSE</td></tr>
<tr><td>2</td><td>Few limbs, top may be broken, some bark and height loss, sapwood decay.</td><td>CSE</td></tr>
<tr><td>3</td><td>Limb stubs, broken bole, bark and sapwood sloughed, broken top.</td><td>CSE</td></tr>
<tr><td>4</td><td>Few stubs, bole broken/rotten, 50% bark, sapwood sloughed.</td><td>CSE</td></tr>
<tr><td>5</td><td>No stubs, broken and rotten bole, 20% bark, sapwood gone, rotten 50%.</td><td>CSE</td></tr>
</table>
</td></tr>
<tr><td>SPECIES</td><td>VC(8)</td><td>Nrv_stid_summary_base_temp.species</td></tr>
<tr><td>TPA_PLOT_EQ</td><td>N(10,5)</td><td>Nrv_stid_summary_base_temp.plot_tpa_eq</td></tr>
<tr><td>TPA_STAND_EQ</td><td>NUMBER</td><td>Nrv_stid_summary_base_temp.stand_tpa_eq</td></tr>
<tr><td>USER_OPS_ACCT</td><td>VC(30)</td><td>Nrv_stid_summary_base_temp.user_ops_acct</td></tr>
</table>

NRV_GRP_BY_SUMM_COV_TEMP

Temporarily holds the cover "group-by" information during summary processing. In the descriptions below, *view* denotes Nrv_stand_plot_cover_vm or Nrv_cluster_plot_cover_vm, depending on whether the record comes from cluster or stand data.

Name	Size	Description
COVER_AGE	N(4)	*view*.cover_age
COVER_AGE_METHOD	VC(2)	*view*.cover_age_method
COVER_CN	VC(34)	*view*.cover_cn
COVER_DIAMETER	N(6,3)	*view*.cover_diameter
COVER_DRY_WT	N(8,4)	*view*.cover_dry_wt
COVER_DRY_WT_FACTOR	N(5,4)	*view*.cover_dry_wt_factor
COVER_FORAGE_CLASS	VC(4)	*view*.cover_forage_class
COVER_FORAGE_PERCENT	N(3)	*view*.cover_forage_percent
COVER_GREEN_WT	N(6,2)	*view*.cover_green_wt
COVER_GROWTH_FORM	VC(2)	*view*.cover_growth_form
COVER_HEIGHT	N(7,4)	*view*.cover_height
COVER_HEIGHT_MAX	N(7,4)	*view*.cover_height_max
COVER_HEIGHT_MIN	N(7,4)	*view*.cover_height_min
COVER_INDICATOR_SPECIES_FLAG	VC(1)	*view*.cover_indicator_species_flag
COVER_INTERCEPT	N(6,2)	*view*.cover_intercept
COVER_ITEM_COUNT	N(3)	*view*.cover_item_count
COVER_LAYER	VC(3)	*view*.cover_layer
COVER_LAYER_CODE_LOCAL	VC(2)	*view*.cover_layer_code_local
COVER_LIFEFORM	VC(2)	*view*.cover_lifeform
COVER_LIVE_DEAD	VC(1)	*view*.cover_live_dead
COVER_METHOD	VC(2)	*view*.cover_method
COVER_PERCENT	N(4,1)	*view*.cover_percent
COVER_PHENOLOGY_CLASS	VC(2)	*view*.cover_phenology_class
COVER_PRESENCE_FLAG	VC(1)	*view*.cover_presence_flag
COVER_SHRUB_AGE_CLASS	VC(2)	*view*.cover_shrub_age_class
COVER_SHRUB_FORM_CLASS	VC(4)	*view*.cover_shrub_form_class
COVER_SPA_EQUIV	N(10,5)	*view*.cover_spa_equiv
COVER_SPECIES	VC(8)	*view*.cover_species
COVER_SUBGROUP_CODE	VC(4)	*view*.cover_subgroup_code
COVER_SURFACE_CODE	VC(4)	*view*.cover_surface_code
COVER_TAG_ID	VC(5)	*view*.cover_tag_id
COVER_VOUCHER_FLAG	VC(1)	*view*.cover_voucher_flag
DATA_TYPE	VC(20)	Is this a surface cover or vegetation composition record? If cover_surface_code is NULL, then data_type = 'VEGETATION'; else data_type = 'SURFACE'
PLOT_CN	VC(34)	*view*.plot_cn
SELECTION_CRITERIA_NO	VC(3)	Nrv_selection_criteria.selection_criteria_no where Nrv_cover_measurements.selcrit_cn = Nrv_selection_criteria.cn
SETTING_ID	VC(30)	*view*.setting_id
STAND_CN	VC(34)	*view*.stand_cn
USER_OPS_ACCT	VC(30)	Value of USER in Oracle

NRV_HEIGHT_REF

Stores information about each volume height equation.

Name	Size	Description
HEIGHT_EQ ***Required***	VC(10)	A unique, numeric identifier for each height equation
DESCRIPTION	VC(960)	A brief description of each height equation.
FUNCTION_NAME	VC(128)	The name of the PL/SQL function used in the Nrv_height package. This package computes the tree height
LOCALITY	VC(240)	The geographic locality over which each equation applies. This is usually specified in terms of Region and Forest Vegetation Simulator (FVS) variant.
ON_OFF	VC(3)	A flag to specify if this equation is available or not in the Species Configuration form. **Code** / **Description** / **Use** ON / Available for use in the form / All OFF / Not available / All
REFERENCE	VC(240)	A brief note about the equation source.
REQUIREMENTS	VC(10)	A composite field to determine the requirement status of three entry fields on the Species Configuration form. Three characters are used; species, coef1, and coef2. Valid values are: **Code** / **Description** O / Optional N / Not applicable R / Required For example, a value of 'ONN' means species is optional, coef1 is not used, and coef2 is not used on the species configuration form.
SPECIES	VC(8)	Height equations are designed for a finite list of species, and each species has its own set of coefficient values. This field contains the species code for each height equation. Constrained by values in the list of species in the species_list column. If this field is NULL, the height equation uses the species identified in Nrv_species_defaults, if appropriate.
SPECIES_LIST	Varray(200) of NRV_species_list_type VC(8)	List of species that are valid input parameters when executing this function.

NRV_IMAGE_SETMEAS_MTX

A matrix table used to link one or more image records to one or more setting records.

NAME	Size	Description
IMAGE_CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
SETMEAS_CN ***Required***	VC(34)	Foreign key to the table NRV_Setting_Measurements.
VPDUNIT_ID ***Required***	VC(10)	Code which lets a user access specific data in the database. In most cases this is the Region and Forest number which allows the user to only access and manipulate that Region's and Forest's data.

NRV_INTERFACE_PRODUCTS

Contains information about the products delivered with the interface program.

NAME	Size	Description
COMMAND ***Required***	VC(240)	The UNIX command to execute the program. The command contains a path and executable file name.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
DESCRIPTION ***Required***	VC(500)	A short description of the product.
PRODUCT_ID ***Required***	VC(15)	Short name, or identifier, of the product. Used to sort the order of the products, which appear in a list.
PRODUCT_NAME ***Required***	VC(30)	Product name which may contain many separate words
PRODUCT_SUB_TYPE ***Required***	VC(15)	Subtype of product. The subtype is more specific than the type, and refers to the class of program without regard to the interface screens.

Code	Use
ARC/INFO AML	All
ORACLE FORM	All
ORACLE REPORT	All
OTHER	All
PROGRAM UTILITY	All
SCRIPT	All
SQL	All

NRV_INTERFACE_PRODUCTS (cont.)

Name	Size	Description
PRODUCT_TYPE ***Required***	VC(15)	Type or class of product. This field is a key to sort and display only specific "types" of products in certain screens. **Code** / **Use** LOADER / All REPORT / All UTILITY / All SYS ADMIN / All
MANDATORY_FLAG	VC(1)	A flag to indicate if the product is mandatory within the interface program. **Code** / **Description** / **Use** Y / The program is mandatory. / All N / The program is not mandatory. / All
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
OUTPUT_DESCRIPTION	VC(255)	Information about the results or reports the product will produce.
PREFERENCE_FLAG	VC(1)	A flag to indicate if the product uses the user defined preferences to limit program execution. **Code** / **Description** / **Use** Y / Uses the preference function. / All N / Does not use the preference function. / All
SPONSOR	VC(100)	Name of the group that developed or funded the development of the product.
SUPPORT_FACILITIES	VC(255)	Who to contact for product information, questions, suggestions, and problems.

NRV_LIST_METADATA

The parent table of Nrv_list_settings that contains the name of the list, ownership information, and the list name description. These lists are used for running reports.

Name	Size	Description
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.

NRV_LIST_METADATA (cont.)

Name	Size	Description
LIST_METADATA_CN ***Required***	VC(34)	A system generated sequence number that uniquely identifies each row of data in this table.
LIST_NAME ***Required***	VC(30)	Name of each list
MASTER_FLAG ***Required***	VC(1)	Is the list a personal or master list. Code: Y — Description: Master list, defined by the FSVeg wizard — Use: ALL Code: N — Description: Personal list — Use: ALL
LIST_DESC	VC(255)	Description of each list.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
VPDNIT_ID	VC(10)	Used in the oracle forms for filtering the VPD units.

NRV_LIST_SETTINGS

Contains lists of setting IDs used to run reports.

Name	Size	Description
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
LIST_METADATA_FK ***Required***	VC(34)	Foreign key to Nrv_list_metadata.
SETMEAS_CN ***Required***	VC(34)	Foreign key to Nrv_setting_measurements.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.

NRV_MSN_FOR_USE

This is a working table used with the "most similar neighbor" (MSN) functionality in INFORMS. It is a pointer table used to fill in gaps in data by an imputation method.

NAME	Size	Description
CREATED_BY ***Required***	VC(30)	The name of the person who created the record
CREATED_DATE ***Required***	DATE	The date the record was created.

NRV_GRP_BY_SUMMARY_TEMP (cont.)

Name	Size	Description
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
FOR_GIS_LINK ***Required***	VC(26)	The identifier to link the setting to a Geographic Information System (GIS) coverage. This relates to Nrv_setting_measurements.gis_link
USE1_GIS_LINK ***Required***	VC(26)	The Most Similar polygon vegetation based on MSN analysis. If the polygon has an exam, this link will be the same as for_gis_link. In other words, the stand with the exam that is most similar is the stand itself. If there is no exam, it will be the polygon number of the stand that is the best match.
METADATA_FK	VC(34)	Foreign key to Nrv_msn_metadata table
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
USE1_DISTANCE	N(11,8)	The statistical distance between the FOR and USE1 data. This can be useful in determination of quality of match.
USE2_DISTANCE	N(11,8)	The statistical distance between the FOR and USE2 data.
USE2_GIS_LINK	VC(26)	The second Most Similar polygon vegetation based on MSN analysis.
USE3_GIS_LINK	VC(26)	The third Most Similar polygon vegetation based on MSN analysis.
USE3_DISTANCE	N(11,8)	The statistical distance between the FOR and USE3 data.

NRV_MSN_METADATA

Contains metadata about the "most similar neighbor" (MSN) INFORMS analysis results stored in Nrv_msn_for_use.

Name	Size	Description
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
METADATA_CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
FORESTED_STANDS_DATA	N(5)	The number of forested stands, which had FSVeg data used in the MSN analysis.
FORESTED_STANDS_IMPUTED	N(5)	The number of forested stands which MSN data was generated for.
FSVEG2FVS_VERSION	VC(30)	The fsveg2fvs utility version.
FSVEG_VERSION	VC(30)	The FSVeg program version.

NRV_MSN_METADATA (cont.)

Name	Size	Description
FVS_VARIANT	VC(40)	The FVS variant and version.
INFORMS_PROJECT_ID	VC(15)	The INFORMS Project ID which was used to run the MSN analysis.
INFORMS_TOOLSET_VERSION	VC(40)	The INFORMS toolset version.
INFORMS_VERSION	VC(40)	The INFORMS program version.
LANDSAT_DATE	DATE	The date of the Landsat scene.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
MSN_VERSION	VC(30)	The MSN program version.
NONFORESTED_STANDS_DATA	N(5)	The number of non-forested stands, which had FSVeg data used in the MSN analysis.
NONFORESTED_STANDS_IMPUTED	N(5)	The number of non-forested stands which MSN data was generated for.
POPULATION_PCT	N(4,1)	The percentage of the target stands that fall within the same population as the reference stand.

NRV_PDR_SOFTWARE

Contains information about the current version of the Exams software.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
NAME ***Required***	VC(30)	Name of the Software
MAJOR_VERSION ***Required***	VC(10)	The major version of the software, for example Version 1.8
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
CHECKSUM	N(20)	A value that insures the file has not been altered since it was officially released.
FILE_SIZE	N(12)	The size of the downloadable file containing the latest revision of the software.
FILE_DATE	DATE	The date the file was created which contains the latest revision of the software.
MINOR_VERSION	VC(10)	The minor version of the software, for example Version 1.8.1.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
REVISION	VC(10)	The revision number of the software, for example 1.8.1.15.
WEB_PATH	VC(200)	The path to the web page containing a downloadable file containing the latest revision of the software.

NRV_PREFERENCES

Contains user specified preferences about the data to display in reports or queries.

Name	Size	Description
USER_OPS_ACCT ***Required***	VC(30)	This is a required field. Contains the OPS$ account number of the user who created the template.
AGENCY	VC(4)	The Agency value the stand must have to be selected.
ARCHIVE_FLAG	VC(1)	The archive_flag value the stand must have to be selected.
COUNTY	VC(3)	The County value the stand must have to be selected.
DATE_MAX	DATE	For use with summary tables. Data must have been collected before this date to be included in the summary table.
DATE_MIN	DATE	For use with summary tables. Data must have been collected after this date to be included in the summary table.
DISTRICT_NO	VC(2)	The District value the stand must have to be selected.
FOREST_ADMIN	VC(2)	The Administrative Forest value the stand must have to be selected.
FOREST_NO	VC(2)	The Forest number value the stand must have to be selected.
LEVEL_1_ALIAS	VC(12)	The level 1 alias (stand or cluster number) the stand must have to be selected.
LOCATION	VC(16)	The Location value the stand must have to be selected.
MEASUREMENT_DATE	DATE	The measurement data the stand must have to be selected.
MEASUREMENT_NO	VC(4)	The measurement number the stand must have to be selected.
PROJECT_NAME	VC(25)	The project name the stand must have to be selected.
PURPOSE_CODE	VC(4)	The purpose code the stand must have to be selected. This column is constrained by the codes in Nrv_exam_purpose_codes.
REGION_ADMIN	VC(2)	The Administrative Region the stand must have to be selected.
REGION_NO	VC(2)	The Region number the stand must have to be selected.
STATE	VC(2)	The State value the stand must have to be selected.
TAXA_FERN_LIST	VC(100)	Holds the name of the user's default taxa list for Taxa business area NRV_FERNS.
TAXA_FORB_LIST	VC(100)	Holds the name of the user's default taxa list for Taxa business area NRV_FORBS.
TAXA_GRAM_LIST	VC(100)	Holds the name of the user's default taxa list for Taxa business area NRV_GRAMINOIDS.
TAXA_MOSS_LIST	VC(100)	Holds the name of the user's default taxa list for Taxa business area NRV_MOSS.
TAXA_SHRB_LIST	VC(100)	Holds the name of the user's default taxa list for Taxa business area NRV_SHRUBS.
TAXA_TREE_LIST	VC(100)	Holds the name of the user's default taxa list for Taxa business area NRV_TREES.

NRV_PREFERENCES (cont.)

Name	Size	Description
TAXA_VINE_LIST	VC(100)	Holds the name of the user's default taxa list for Taxa business area NRV_VINES.
TAXA_VPDUNIT	VC(10)	Holds the TAXA vpdunit_fk value for the default lists for the user. This may not be the same as the user's default admin unit as there only be Regional TAXA lists for this user.

NRV_PRIORITIES

Describes the priorities used to obtain data for summaries.

Name	Size	Description
DATA_METHOD ***Required***	VC(30)	<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>SE</td><td>Stand exam</td><td>All</td></tr><tr><td>PI</td><td>Photo interpretation</td><td>All</td></tr></table>
DATA_SOURCE ***Required***	VC(30)	<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>FSVEG</td><td>From the FSVeg database</td><td>All</td></tr><tr><td>PERM</td><td></td><td>All</td></tr></table>
PRIORITY_ORDER_NO ***Required***	N(2)	Sequence in which the exam source will be selected.
SUMMARY_NO ***Required***	VC(10)	Nrv_controls.summary_no

NRV_REAGG_CONTROLS

Used to control processing Reagg data sets.

Name	Size	Description
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
ON_OFF ***Required***	VC(3)	Identifies Reagg sets for processing.
PROJECT_NAME ***Required***	VC(25)	Reagg project name, defined by the local unit. Used to collectively identify all settings within a Reagg data set.
COVERAGE_NAME	VC(30	Spatial file coverage name, provided by the user via the Spatial tab on the Reagg form.
COV_GIS_RELATE_KEY	VC(30)	Link between the spatial coverage and the tabluar data in FSVeg, provided by the user via the Spatial tab on the Reagg form.

NRV_REAGG_CONTROLS (cont.)

Name	Size	Description
COV_PATH	VC(150)	File path for the spatial file, provided by the user via the Spatial tab on the Reagg form.
LAST_RUN_DATE	DATE	Date stamp for the last run of this Reagg data set.
LAST_RUN_START_TIME	DATE	Time stamp for the start of the last run of this Reagg data set.
LAST_SETTING_CNT	N(5)	Number of settings processed in the last run of this Reagg data set.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
PLOT_GIS_RELATE_KEY	VC(30)	Link between the plot coverage and the tabluar data in FSVeg, provided by the user via the Spatial tab on the Reagg form.
PLOT_NAME	VC(30)	Plot file coverage name, provided by the user via the Spatial tab on the Reagg form
PLOT_PATH	VC(150)	File path for the plot file, provided by the user via the Spatial tab on the Reagg form.
REMARKS	VC(255)	Remarks about this summary

NRV_REAGG_MENU_LOCKS

Identifies which Reagg data set is locked through its access via the Reagg menu.

Name	Size	Description
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
MENU_LOCKED_BY ***Required***	VC(30)	The name of the person who locked the menu.
MENU_LOCKED_DATE ***Required***	DATE	Date the menu was locked.
MENU_LOCKED	VC(1)	Flag that identifies whether a Reagg data set is locked.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.

NRV_REAGG_PLOT_COUNTS

Reagg version of the nrv_plot_counts table. Contains data pertaining to only the selected, or active, Reagg data set.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
REAGG_FLAG ***Required***	VC(1)	Used to differentiate this table from its non-Reagg counterpart. Set to 'Y'
SETMEAS_CN ***Required***	VC934)	Foreign key to Nrv_setting_measurements. Obtained from NRV_Setting_Measurements.cn
VPDUNIT_ID ***Required***	VC(10)	Code which lets a user access specific data in the database. In most cases this is the Region and Forest number which allows the user to only access and manipulate that Region's and Forest's data.
COUNT_DESCRIPTION	VC(30)	Description of the data stored in the record and how it is used.
DESIGN_CN		Foreign key to Nrv_sample_designs. Obtained from NRV_Sample_designs.cn
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
PLOTS_INSTALLED	N(4)	Sample elements at this record level per the next higher level. For example, three plots may be installed within a setting, or 7 subplots installed within a plot.
PLOTS_WITH_PLANTS	N(4)	**This column is no longer used.**
STANDARD_NO_PLOTS	N(4)	The number of plots that should be, by design, installed.

NRV_REAGG_PROJECT_LOCKS

Identifies which Reagg data set is locked by a user.

Name	Size	Description
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
PROJECT_LOCKED_BY ***Required***	VC(30)	The name of the person who locked the project.
PROJECT_LOCKED_DATE ***Required***	DATE	Date the project was locked.

NRV_REAGG_PROJECT_LOCKS (cont.)

Name	Size	Description
PROJECT_LOCKED	VC(1)	Identifies whether a Reagg data set is locked
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
PROJECT_NAME	VC(25)	Reagg project name, defined by the local unit. Used to collectively identify all settings within a Reagg data set.

NRV_REAGG_SAMPLE_DESIGNS

Reagg version of the nrv_sample_designs table. Contsains data pertaining to only the selected, or active, Reagg data set.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
REAGG_FLAG ***Required***	VC(1)	Used to differentiate this table from its non-Reagg counterpart. Set to 'Y'
SETMEAS_CN ***Required***	VC(34)	Foreign key to Nrv_setting_measurements.
VPDUNIT_ID ***Required***	VC(10)	Code which lets a user access specific data in the database. In most cases this is the Region and Forest number which allows the user to only access and manipulate that Region's and Forest's data.
SAMPLE_DESIGN_TYPE	VC(6)	**Not currently used.**
LENGTH	N(6,3)	Measure of the extent along the greatest dimension of a rectangular or square plot. Stored in feet.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
PURPOSE_CODE	VC(4)	**Not currently used.**
REMARKS	VC(255)	Remarks relevant to the sample design.
ROW_ACCESS_CODE	VC(6)	Control field to support row level access.

NRV_REAGG_SAMPLE_DESIGNS (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>SAMPLE_EXPANSION_FACTOR</td><td>N(9,4)</td><td>The expansion factor corresponds to selection_method_type column. It is used to convert tree or piece data to a per-unit-area basis (acres). The expansion factor is dependent on the selection method selected.

<u>Selection Method</u> — <u>Expansion Factor</u>
FRQ — inverse of the fixed area plot
BAF — basal area factor of the variable radius plot
DBH — horizontal line factor
TRN — length of fixed transect line expressed as a horizontal distance
VTR — length of variable transect line
HSQ — vertical point factor used
HTS — vertical line factor used</td></tr>
<tr><td>SAMPLE_RULE_NO</td><td>VC(3)</td><td>Unique number to label the different rules within a sample design. This number is defined regionally.</td></tr>
<tr><td>SELECTION_METHOD_TYPE</td><td>VC(3)</td><td>Method by which trees, shrubs, grasses or debris were selected:

<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>FRQ</td><td>Frequency for fixed area plots or linear strip plots.</td><td>CSE</td></tr>
<tr><td>BAF</td><td>Basal area factor for a variable radius plot.</td><td>CSE</td></tr>
<tr><td>TRN</td><td>Fixed length transect line</td><td>CSE</td></tr>
<tr><td>DBH</td><td>Horizontal line sample.</td><td></td></tr>
<tr><td>VTR</td><td>Variable length transect line</td><td></td></tr>
<tr><td>HSQ</td><td>Vertical point sample.</td><td></td></tr>
<tr><td>HTS</td><td>Vertical line sample.</td><td></td></tr>
<tr><td>MIC</td><td>Microplot (Daubenmire range plots).</td><td></td></tr>
<tr><td>MAC</td><td>Macroplot (Daubenmire range plots).</td><td></td></tr>
</table>
</td></tr>
<tr><td>SETTING_DESIGN_CODE</td><td>VC(4)</td><td>FIADB Plot Table variable. The type of plot design used to collect data.

1 = National FIA mapped plot design with 4 fixed-radius subplots
100-199 = Northeastern Station designs
200-299 = Southern Station designs
300-399 = North Central Station designs
400-499 = Rocky Mountain Station designs
500-599 = Pacific Northwest Station designs
600-699 = Alaska designs</td></tr>
</table>

NRV_REAGG_SAMPLE_DESIGNS (cont.)

Name	Size	Description
TRANSECT_AZIMUTH	N(3)	Azimuth used to establish the transect line.
WIDTH	N(6,3)	The measurement of the extent from side to side of a rectangular or square plot. Stored in feet.

NRV_REAGG_SELECTION_CRITERIA

Reagg version of the nrv_selection_criteria table. Contains data pertaining to only the selected, or active, Reagg data set.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
DESIGN_CN ***Required***	VC(34)	Foreign key to Nrv_sample_designs.
REAGG_FLAG ***Required***	VC(1)	Used to differentiate this table from its non-Reagg counterpart. Set to 'Y'
VPDUNIT_ID ***Required***	VC(10)	Code which lets a user access specific data in the database. In most cases this is the Region and Forest number which allows the user to only access and manipulate that Region's and Forest's data.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
ROW_ACCESS_CODE	VC(6)	Control field to support role level access.
SELCRIT_CN_OF	VC(34)	Foreign key to Nrv_selection_criteria for recursive columns. This column is NOT currently used and should NOT be populated. Contact the FSVeg staff for proper implementation of recursive functionality in this table.
SELECTION_CRITERIA_NO	VC(3)	A number to label each selection criteria record within an inventory. This number is usually unique for each selection criteria record in an inventory. If two or more selection criteria, within the same inventory, share the same selection criteria number, then they are linked by an implied "AND" condition; and hence a sample item must meet ALL of the linked selection criteria in order to be sampled.

NRV_REAGG_SELECTION_CRITERIA (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>SUBPOP</td><td>VC(3)</td><td>Characteristic used to define the sampled population.

<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>DBH</td><td>Diameter at breast height</td><td>CSE</td></tr>
<tr><td>DRC</td><td>Diameter at root collar</td><td>CSE</td></tr>
<tr><td>HGT</td><td>Height</td><td>CSE</td></tr>
<tr><td>CVR</td><td>Percent of vegetation cover</td><td>CSE</td></tr>
<tr><td>SVC</td><td>Percent of ground surface cover</td><td>CSE</td></tr>
<tr><td>LGT</td><td>Length</td><td>CSE</td></tr>
<tr><td>DIA</td><td>Diameter at midpoint or intersection</td><td>CSE</td></tr>
<tr><td>DMG</td><td>Tree damage category</td><td>CSE</td></tr>
<tr><td>SPP</td><td>Species</td><td>CSE</td></tr>
<tr><td>STS</td><td>Tree class</td><td></td></tr>
</table>
</td></tr>
<tr><td>SUBPOP_CODE_VALUE</td><td>VC(8)</td><td>Subpopulation characteristic code. This value is used in conjunction with the “SUBPOP” value to further define the sampled population.

<table>
<tr><th>SUBPOP</th><th>Valid SUBPOP_CODE_VALUES</th></tr>
<tr><td>CVR</td><td>LIVE, DEAD, ALL</td></tr>
<tr><td>DBH</td><td>LIVE, DEAD, ALL, DOWN, HARD*, SOFT*</td></tr>
<tr><td>DIA</td><td>LIVE, DEAD, ALL, DOWN, STUMPS
a disturbance category code from NRV_Disturbance_Agents
LIVE, DEAD, ALL, DOWN, CLUMPS, HARD*, SOFT*</td></tr>
<tr><td>HGT</td><td>LIVE, DEAD, ALL</td></tr>
<tr><td>LGT</td><td>LIVE, DEAD, ALL, DOWN</td></tr>
<tr><td>SPP</td><td>a Species Symbol from the tree TAXA list*</td></tr>
<tr><td>STS</td><td>LIVE, DEAD, ALL, STUMPS, CLUMPS, DOWN</td></tr>
<tr><td>SVC</td><td>not used for this SUBPOP code</td></tr>
</table>

* Can be used with ‘-L, ‘-D,’ and ‘-A’ suffixes to denote standing live, standing dead, and all standing live and dead, respectively, but are not used with CSE.</td></tr>
<tr><td>SUBPOP_MAX_VALUE</td><td>N(13,4)</td><td>Maximum value for the subpopulation characteristic. If the Subpop column is DBH, DIA, DRC, LGT, or HGT, enter the maximum value. DBH, DIA, and DRC are stored in inches. LGT and HGT are stored in feet.</td></tr>
<tr><td>SUBPOP_MIN_VALUE</td><td>N(13,4)</td><td>Minimum value for the subpopulation characteristic. If the Subpop column is DBH, DIA, DRC, LGT, or HGT, enter the minimum value.</td></tr>
<tr><td>TALLY_FLAG</td><td>VC(1)</td><td>Was the subpopulation data collected with a tally count (i.e., diameter and height were not recorded, but species and tree count were)?

Y = Data was collected via a tally method.</td></tr>
</table>

NRV_REAGG_SETTING_MEASUREMENTS

Reagg version of nrv_setting_measurements. Contains data pertaining to only the selected, or active, Reagg data set.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
REAGG_FLAG ***Required***	VC(1)	Used to differentiate this table from its non-Reagg counterpart. Set to 'Y'
VPDUNIT_ID ***Required***	VC(10)	Code which lets a user access specific data in the database. In most cases this is the Region and Forest number which allows the user to only access and manipulate that Region's and Forest's data.
AGENCY	VC(4)	Governing agency. This column is constrained by the codes in Nrv_owner_agency_codes.
AIRPH_CN	VC(34)	Foreign key to Nrv_aerial_photos. This will identify the aerial photo associated with this setting.
ARCHIVE_FLAG	VC(1)	Flag to indicate that this setting measurement record does not represent the current status of the vegetation. The setting vegetation has been altered by an event such as fire or harvest. This flag is also used when the setting measurement record has been replaced with a more recently obtained record. Y = Yes, this is an archived record.
ASPECT	N(3)	General direction of downslope, in degrees azimuth, which the setting faces. 0 = flat 360 = north 999 = Indeterminate, undulating, or no predominant slope
AZIMUTH	N(3)	The direction, going clockwise from due North, to some object. Valid values are from 0 (due North) to 360 where 180 is due south. This column was added to support FIA data during analysis of FIA datasets. It is unclear how this will be used in the future.
AZIMUTH_TO_PLOT_CENTER	N(3)	The azimuth from the location where coordinates were collected to actual plot center. If coordinates are collected at plot center, record 000. Valid values are 000 to 360.
BUFFER_FLAG	VC(1)	Flag to indicate if there is a buffer of similar condition and treatment around the plot. Y = Yes, there is a buffer.

NRV_REAGG_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
BUFFER_WIDTH	N(6,2)	Average width of the buffer of similar condition and treatment around the plot. Stored in feet.
CANOPY_CLOSURE	N(3)	Amount of the setting covered by the crowns of trees. Stored in percent.
CANOPY_CLOSURE_METHOD	VC(2)	Method used to determine canopy closure. Code / Description / Use M / Measured / E / Estimated / C / Calculated /
CAPABLE_GROW_AREA_PCT	N(3)	The area capable of growing trees. Stored in percent.
COLLECTOR_VERSION	VC(15)	The version of the PDR software used to collect the data. The PNW Regional data will store the DATA_RECORDER_NUMBER in this field. This field will only be populated at the parent record of the setting not the child record. PNW manual version # will start with 1.0.0 at the beginning of the field season. If minor modifications to the data recorder program are made in response to changes in field procedures or programming requirements, the z field will be changed to z+1. If more significant changes are made, the y field will be changed to y+1. The first field (x) will be changed only in the event of a major modification to the program.
COMPARTMENT_NO	VC(10)	Division of forest for purposes of orientation, administration, and silvicultural operations. It is defined by permanent boundaries, of natural features or artificially marked.
CONDITION_STATUS_CHANGE	VC(1)	RMRS Condition Class VARIABLE. See RMRS Field manual for a definition of the four valid codes: 1, 2, 3, and 4.
CONSEC_PT_NUM	VC(8)	For FIA use. Each FIA plot has a unique point number to locate the plot on a quad map. The combination of state, plot, and point number uniquely identifies a plot and its location within a state.
COUNTY	VC(3)	Numeric County code where the setting is located.
CYCLE_LENGTH	N(2)	Cycle length. The number of years needed to complete all five panels. The 1998 Farm Bill contained an unfunded mandate that annual inventories be conducted with a completion of the five panels in 5 years. Due to limited funding the cycle length often exceeds five years, especially in the west and Alaska.
CYCLE_NUMBER	N(2)	FIADB Survey Table variable. Inventory cycle number. For example, a 4 shows the data came from the fourth inventory of that State. A cycle number greater than 1 does not necessarily mean that information for previous cycles resides in the database.
CYCLE_PREVIOUS	N(2)	Previous inventory cycle number. Identifies the most recent prior cycle number.

NRV_REAGG_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
DATA_CODE_1	VC(16)	Used to record alphanumeric information specific to a particular Region or sample protocol. This information is not a nationally recognized data element.
DATA_CODE_1_DEFINITION	VC(160)	Define the value stored in data_code_1.
DATA_CODE_2	VC(16)	Used to record alphanumeric information specific to a particular Region or sample protocol. This information is not a nationally recognized data element.
DATA_CODE_2_DEFINITION	VC(160)	Define the value stored in data_code_2.
DATA_CODE_3	VC(16)	Used to record alphanumeric information specific to a particular Region or sample protocol. This information is not a nationally recognized data element.
DATA_CODE_3_DEFINITION	VC(160)	Define the value stored in data_code_3.
DATA_CODE_4	VC(16)	Used to record alphanumeric information specific to a particular Region or sample protocol. This information is not a nationally recognized data element.
DATA_CODE_4_DEFINITION	VC(160)	Define the value stored in the data_code_4.
DATA_NUM_1	N(7,2)	Used to record numeric information specific to a particular Region or sample protocol. This information is not a nationally recognized data element.
DATA_NUM_1_DEFINITION	VC(160)	Define the value stored in the data_num_1.
DATA_NUM_2	N(7,2)	Used to record numeric information specific to a particular Region or sample protocol. This information is not a nationally recognized data element.
DATA_NUM_2_DEFINITION	VC(160)	Define the value stored in the data_num_2.
DATE_ACCURAC	VC(5)	Record the accuracy of the value in measurement_date. **Code** / **Description** / **Use** DAY / Valid to the nearest day / CSE MONTH / Valid to the nearest month / YEAR / Valid to the nearest year / EST / Only an estimate /
DECLINATION	N(5,1)	The azimuth correction used to adjust magnetic north to true north. All azimuths are assumed to be magnetic azimuths unless otherwise designated. This field is used only where units are adjusting azimuths to correspond to true north; for units using magnetic azimuths, this field will always be set to "0" in the office. This field carries a decimal place because the USGS corrections are provided to the nearest half-degree. Declination is defined as True North - Magnetic North. For CSE data, this value will always be set to 999 to indicate true North.
DISTANCE_TO_PLOT_CENTER	N(4)	The horizontal distance, in feet, from the location where the coordinates were collected to the actual plot center. If coordinates are collected at plot center, the value is 000.
DISTRICT_NO	VC(2)	Ranger district number of the administrator or owner for the setting (sample location).

NRV_REAGG_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
ECOREGION	VC(7)	Stores regional and sub-regional ecological units (subsections) that nest within, and refine successively larger ecological units (Bailey et. al 1995 revised) developed according to the classification scheme of the National Hierarchical Framework of Ecological Units (Avers et. Al. 1994). Subsections for the Eastern United States are documented in Keys, James E. et. al 1995. This code includes an optional 1-character for mountain, 1-digit for domain, 1-digit for division, 1-digit for province, 1-character for section, and 1-character for subsection. For example; the code M212Bd is decoded as M = mountain, 2 = humid temperate domain, 1 = warm continental Regime Mountains division, 2 = Adirondack-New England Mixed Forest - Coniferous Forest-Alpine meadow province, B = New England Piedmont section, and d = Hillsboro Inland Hills and Plains subsection.
ELEVATION	N(6,1)	Height above sea level. Stored in feet.
ELEVATION_METHOD	VC(2)	How the elevation was derived.
EV_CODE	VC(10)	Existing vegetation code for this setting. This column is constrained by the codes in Nrv_ev_cover_types.
EV_REF_CODE	VC(10)	Document from which the ev_code was obtained. This column is constrained by the codes in Nrv_cover_references.
FIRE_INFO_FK	VC(34)	Foreign key to Nrv_fire_info. Indicates what, if any, fire is associated with a given setting record.
FOREST_ADMIN	VC(2)	Administrative Forest number.
FOREST_PROC	VC(2)	Proclaimed Forest number.
FUEL_MODEL	VC(3)	Fuel model used in this setting.
FUEL_PHOTO_FK	VC(34)	Document from where the fuel model was obtained, or the residue description photo. This column is constrained by Nrv_fuel_photos.residue_desc_code
FUEL_PHOTO_REFERENCE	VC(10)	Number of the fuel photo reference used.
GCN	VC(34)	System generated key to link records in this table to polygons in a GIS map. This column will be eliminated in future versions. Use the GIS-Link column instead.
GEOGRAPHICAL_AREA	VC(5)	Geographical area code for locations not on a Forest Service site.
GEOREFERENCE_METHOD	VC(11)	The method used to determine the georeference of the setting: **Description** / **Use** GEODETIC / CSE STATE PLANE UTM
GIS_LINK	VC(26)	The identifier to link the setting to a Geographic Information System (GIS) coverage.
HEIGHT_GROWTH_INTERVAL	N(2)	Time period over which height growth is measured. Stored in years. Values less than 1 are not allowed.

NRV_REAGG_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
HEX_NUMBER	VC(7)	The id number for each plot, unique within a county. This is the hexagon number on the plot jacket. It is a unique hex number within a state. Valid values are 1-99999.
HYDROLOGIC_UNIT_CODE	N(12)	PNW Regional variable. The watershed where the field grid point is located.
I_M_FLAG	VC(1)	Populated on stand only. If Y this is data that will be or is measured multiple times.
IMAGE_FLAG	VC(1)	Flag to indicate if a set of special images (photos, landsat etc.) of this setting was taken. This does not refer to aerial photos taken on a general flight path. Y= Yes, a set of images was taken.
INCLUSION_ACRES	N(8,4)	The size of the area different from the prevalent condition, yet too small to qualify as a separate condition class. PNWRS attribute.
INCLUSION_ACRES_TYPE	VC(2)	Type of inclusion. NF = Non-forest inclusion. PNWRS attribute.
LATITUDE_DEG	N(3)	Degree portion of the angular distance, North or South of the equator. Stored in degrees.
LATITUDE_MIN	N(2)	Minute portion of the angular distance, North or South of the equator. Stored in minutes.
LATITUDE_SEC	N(4,2)	Second portion of the angular distance, North or South of the equator. Stored in seconds.
LAT_LON_DATUM	VC(50)	Method of determination for latitude and longitude.
LEVEL_1_ALIAS	VC(12)	Name given to the level_1_id by a specific sampling protocol. **Description** / **Use** STAND / CSE CLUSTER / FIA
LEVEL_1_ID	VC(10)	Uniquely identify a sample unit within a setting. The sampling units may be plots, points, transects etc. A setting may have more than one level_1_id. Examples: For stand exams, this is the stand or polygon number. For grid inventories, this is the cluster plot number, although no data may be sampled on the cluster. For range and ecology plots, this is the site.
LEVEL_2_ALIAS	VC(12)	Name given to the level_ 2_id by a specific sampling protocol. **Description** / **Use** PLOT / CSE/FIA

NRV_REAGG_SETTING_MEASUREMENTS (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>LEVEL_2_ID</td><td>VC(10)</td><td>Used to uniquely identify each element within a sub sample. For stand exams, this is the plot. For grid inventories, this may be the parent plot number. For range or ecology plots this may be transect, microplot, or macroplot, depending on the design.

<u>National Core data:</u> <u>PNW Regional data:</u>
1 = Center N1 = Center
2 = North N2 = North
3 – Southeast N3 = Southeast
4 = Southwest N4 = Southwest</td></tr>
<tr><td>LEVEL_3_ALIAS</td><td>VC(12)</td><td>Name given to the level_3_id by a specific sampling protocol. Examples:

<table><tr><th>Description</th><th>Use</th></tr><tr><td>SUBPLOT</td><td></td></tr><tr><td>MICROPLOT</td><td></td></tr><tr><td>FIA_MICROPLOT</td><td>FIA</td></tr><tr><td>TRANSECT</td><td>FIA</td></tr></table>
For FIA data this value is set to “FIA_Microplot.”</td></tr>
<tr><td>LEVEL_3_ID</td><td>VC(10)</td><td>Used to uniquely identify each element within a sub sample. For grid inventories, this may be the sub plot number. For range or ecology plots, this may be a microplot for one sample design. The FIA National core data seedling micro-plot number. Currently there is only 1 micro-plot per subplot.</td></tr>
<tr><td>LEVEL_4_ALIAS</td><td>VC(12)</td><td>Name given to the level_4_id by a specific sampling protocol.</td></tr>
<tr><td>LEVEL_4_ID</td><td>VC(10)</td><td>Used to uniquely identify each element within a sub sample. Since this level is provided for future flexibility, examples are not provided.</td></tr>
<tr><td>LEVEL_5_ALIAS</td><td>VC(12)</td><td>Name given to the level_5_id by a specific sampling protocol.</td></tr>
<tr><td>LEVEL_5_ID</td><td>VC(10)</td><td>Uniquely identify each element within a subsample. Since this level is provided for future flexibility, examples are not provided.</td></tr>
<tr><td>LEVEL_6_ALIAS</td><td>VC(12)</td><td>Name given to the level_6_id by a specific sampling protocol.</td></tr>
<tr><td>LEVEL_6_ID</td><td>VC(10)</td><td>Uniquely identify each element within a subsample. Since this level is provided for future flexibility, examples are not provided.</td></tr>
<tr><td>LOADER_VERSION</td><td>VC(15)</td><td>The version of the forms, PDR loader, or legacy data software used to load data into the database. For FIA data, the legacy Regional loaders are populated with a version number that corresponds to the date of program compilation. This field contains the loader compilation date and is populated only at the parent record of the setting not the child record.</td></tr>
</table>

NRV_REAGG_SETTING_MEASUREMENTS (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>LOCATION</td><td>VC(16)</td><td>The location of the stand within a Region, Forest, and District.</td></tr>
<tr><td>LONGITUDE_DEG</td><td>N(3)</td><td>Degree portion of the angular distance East or West of the prime meridian at Greenwich, England. Stored in degrees.</td></tr>
<tr><td>LONGITUDE_MIN</td><td>N(2)</td><td>Minute portion of the angular distance East or West of the prime meridian at Greenwich England. Stored in minutes.</td></tr>
<tr><td>LONGITUDE_SEC</td><td>N(4,2)</td><td>Second portion of the angular distance East or West of the prime meridian at Greenwich England. Stored in seconds.</td></tr>
<tr><td>MAINTENANCE_STATUS</td><td>VC(2)</td><td>Indicates the maintenance status of a plot.
<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>A</td><td>Active</td><td></td></tr>
<tr><td>I</td><td>Inactive</td><td></td></tr>
<tr><td>D</td><td>Destroyed</td><td></td></tr>
<tr><td>1</td><td>Initial plot establishment - field visited or remotely classified.</td><td>FIA</td></tr>
<tr><td>2</td><td>Re-measurement of a previously established National design plot – field visited or remotely classified.</td><td>FIA</td></tr>
<tr><td>3</td><td>Replacement plot - a previously established National design plot that was replaced with a new plot because the original plot could not be relocated or because plot data were lost.</td><td>FIA</td></tr>
<tr><td>4</td><td>Modeled</td><td>FIA</td></tr>
</table>
</td></tr>
<tr><td>MANAGEMENT_TYPE</td><td>N(2)</td><td></td></tr>
<tr><td>MANAGEMENT_PRODUCTIVITY</td><td>N(1)</td><td></td></tr>
<tr><td>MAP_ID</td><td>VC(16)</td><td>Map ID number. FIA associates the quad map number and point number on that map for each FIA Plot.</td></tr>
<tr><td>MEASUREMENT_DATE</td><td>DATE</td><td>The date the setting was measured. If date is not known enter the year and/or month that is known.</td></tr>
<tr><td>MEASUREMENT_NO</td><td>VC(4)</td><td>Sequential number to identify the measurement sequence of a re-measured setting or plot.</td></tr>
</table>

NRV_REAGG_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
MEASUREMENT_ORGANIZATION	VC(15)	Organization or person responsible for data collection. Code / Description / Use: (blank) / Examiner name / CSE 22 / Rocky Mountain Research Station / FIA - RMRS 23 / North Central Research Station / FIA - NCRS 24 / Northeast Research Station / FIA - NERS 26 / Pacific Northwest Research Station / FIA - PNW 27 / Alaska - Pacific Northwest Research Station / FIA - AKPNWRS 33 / Southern Research Station / FIA - SRS
MEAS_STD_ID	VC(12)	Foreign key to Nrv_measurement_standards. Identifies the measurement standards used throughout the setting.
MERIDIAN_CODE	VC(2)	The principal meridian, defined as the line from which the survey of township boundaries along the parallels is initiated. This column is constrained by Nrv_principal_meridians.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
NFS_LAND_CLASS	VC(3)	Current land class used for NFS data. A classification that indicates the basic land cover.
OWNER	VC(4)	The agency that owns the land the setting is located on. This column is constrained by Nrv_owner_agency_codes. For FIA data this value is the owner class code that best corresponds to the ownership (or the managing agency for public lands) of the land in the condition class.
PHYSIOGRAPHIC_CLASS	VC(3)	Foreign key to Nrv_physiographic_classes. The physiographic class of the subplot: landform, topographic position, and soil generally determine the physiographic class. More detailed definitions can be found in PNW Field Guide pg. 43-44.
PLS_RANGE	VC(5)	Range where the setting is located. For example, 0590W is Range 59 West, and 1093E is Range 109 3/4 East.
PLS_SECTION	VC(2)	Section where the setting is located. Valid numbers are 1-36.
PLS_SUBDIVISION	VC(4)	Portion of a Section where the setting is located. Sections are divided in sixteen equal parts of 40 acres each. Example: NWSE indicates the SE quarter of the NW quarter.
PLS_TOWNSHIP	VC(5)	Township where the setting is located. For example, 1010N is Township 101 North, and 0292S is Township 29 1/2 South.

NRV_REAGG_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
PREVIOUS_SETTING_ID	VC(30)	If setting_id has changed, for example renumbering the setting, this column contains the previous setting ID. The value contained in the setting_id field is considered the current setting ID.
PROJECT_NAME	VC(25)	Defined by the organization. Project names or identifiers should be consistent when applied to multiple settings. This column is used to retrieve information for all plots installed under the same project or to list a particular survey type. Examples are: R3 RMSTAND, INTENSIVE, INFGRIP94_1, INTERMOUNTAIN FIA, BURNT BACON CREEK, and COLUMBIA RIVER BASIN.
PURPOSE_CODE	VC(4)	Code that represents the reason for the survey. This column is constrained by Nrv_exam_purpose_codes
PV_CODE	VC(10)	Potential vegetation for this setting. A partial list of codes is located in Nrv_pv_cover_types; however this column is not constrained by this set of codes.
PV_REF_CODE	VC(10)	Document from which the pv_code was obtained. This column is constrained by Nrv_cover_references.
RADIAL_GROWTH_INTERVAL	N(2)	Time period over which radial_growth is measured. Stored in years. Values less than 1 are not allowed.
RADIAL_GROWTH_INTERVAL_2	N(2)	Time period over which radial_growth_2 is measured. Stored in years. Values less than 1 are not allowed.
RECENT_MORTALITY_YEARS	N(2)	Time period defining the term "recent mortality." Stored in years.
REGION_ADMIN	VC(2)	Administrative Region number.

Code	Description	Use
01	Northern Region	CSE
02	Rocky Mountain Region	CSE
03	Southwest Region	CSE
04	Intermountain Region	CSE
05	Pacific Southwest Region	CSE
06	Pacific Northwest Region	CSE
08	Southern Region	CSE
09	Eastern Region	CSE
10	Alaska Region	CSE
99	Non-forest service lands	CSE

NRV_REAGG_SETTING_MEASUREMENTS (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>REGION_PROC</td><td>VC(2)</td><td>Proclaimed Region number.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>01</td><td>Northern Region</td><td>CSE</td></tr><tr><td>02</td><td>Rocky Mountain Region</td><td>CSE</td></tr><tr><td>03</td><td>Southwest Region</td><td>CSE</td></tr><tr><td>04</td><td>Intermountain Region</td><td>CSE</td></tr><tr><td>05</td><td>Pacific Southwest Region</td><td>CSE</td></tr><tr><td>06</td><td>Pacific Northwest Region</td><td>CSE</td></tr><tr><td>08</td><td>Southern Region</td><td>CSE</td></tr><tr><td>09</td><td>Eastern Region</td><td>CSE</td></tr><tr><td>10</td><td>Alaska Region</td><td>CSE</td></tr><tr><td>99</td><td>Non-forest service lands</td><td>CSE</td></tr></table></td></tr>
<tr><td>REGISTRATION_CODE</td><td>VC(4)</td><td></td></tr>
<tr><td>REMARKS</td><td>VC(255)</td><td>Remarks about this setting.</td></tr>
<tr><td>REMEASUREMENT_PERIOD</td><td>N(3,1)</td><td>FIADB Plot Table variable The number of years between measurements of re-measured plots. This variable is set to -1 for new plots. Remeasurement period is based on the number of growing seasons between measurements. Allocation of parts of the growing season by month is different for each FIA program.</td></tr>
<tr><td>RESERVE_CLASS</td><td>VC(2)</td><td>Reserved status class. Indicates if the setting is reserved from timber harvesting.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>0</td><td>Non-reserved</td><td>FIA</td></tr><tr><td>1</td><td>Reserved</td><td>FIA</td></tr></table></td></tr>
<tr><td>ROW_ACCESS_CODE</td><td>VC(6)</td><td>Control field to support row level access.</td></tr>
<tr><td>RPA_LAND_CLASS</td><td>VC(2)</td><td>Current land class used for RPA data. A classification to indicate basic land cover.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>1</td><td>Accessible forest</td><td></td></tr><tr><td>2</td><td>Non-forest</td><td></td></tr><tr><td>3</td><td>Non-census water</td><td></td></tr><tr><td>4</td><td>Census water</td><td></td></tr><tr><td>5</td><td>Denied access</td><td></td></tr><tr><td>6</td><td>Hazardous</td><td></td></tr><tr><td>7</td><td>Not on the sample</td><td></td></tr><tr><td>9</td><td>Other tree land</td><td></td></tr></table></td></tr>
</table>

<table>
<tr><td>SAMPLE_DESIGN_TREE</td><td>VC(1)</td><td>Intensity to which the tree data was collected.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>0</td><td>Tree data was not collected.</td><td>CSE</td></tr><tr><td>1</td><td>Tree data was collected with a quick plot.</td><td>CSE</td></tr><tr><td>2</td><td>Tree data was collected with an extensive survey.</td><td>CSE</td></tr><tr><td>3</td><td>Tree data was collected with an intensive survey.</td><td>CSE</td></tr></table></td></tr>
<tr><td>SAMPLE_DESIGN_VEG</td><td>VC(1)</td><td>Intensity to which the vegetation data was collected.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>0</td><td>Vegetation data was not collected.</td><td>CSE</td></tr><tr><td>1</td><td>Vegetation data was collected with a quick plot.</td><td>CSE</td></tr><tr><td>2</td><td>Vegetation data was collected with an extensive survey.</td><td>CSE</td></tr><tr><td>3</td><td>Vegetation data was collected with an intensive survey.</td><td>CSE</td></tr></table></td></tr>
<tr><td>SAMPLE_DESIGN_DW</td><td>VC(1)</td><td>Intensity to which the down woody data was collected.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>0</td><td>Down woody data was not collected.</td><td>CSE</td></tr><tr><td>1</td><td>Down woody data was collected using a protocol other than Brown’s.</td><td>CSE</td></tr><tr><td>2</td><td>Down woody data was collected using Brown’s protocol.</td><td>CSE</td></tr></table></td></tr>
<tr><td>SAMPLE_DESIGN_SC</td><td>VC(1)</td><td>Intensity to which surface cover data was collected.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>0</td><td>Surface cover data was not collected.</td><td>CSE</td></tr><tr><td>1</td><td>Surface cover data was collected.</td><td>CSE</td></tr></table></td></tr>
<tr><td>SEED_WALL_DISTANCE</td><td>N(5,1)</td><td>Distance from the setting to the boundary of an adjoining setting where there are seed-producing trees. Residual trees, remaining in the setting after the regeneration cut, are not a "seed wall," even though they may provide a seed source. Stored in feet.</td></tr>
<tr><td>SETMEAS_CN_OF</td><td>VC(34)</td><td>Foreign key to Nrv_setting_measurements.</td></tr>
</table>

NRV_REAGG_SETTING_MEASUREMENTS (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>SETTING_ID</td><td>VC(30)</td><td>Uniquely identifies the setting where the data are collected. This field may contain the following information: For stand exams - Region, Forest, District, Location, and Stand Number. For FIA data – State(2)//survey unit(2)//county(3)//plot Id(5)</td></tr>
<tr><td>SETTING_ORIGIN</td><td>VC(2)</td><td>Source of vegetation on the setting. Synonymous with Stand Origin.
<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>1</td><td>Natural vegetation - no evidence of artificial regeneration.</td><td></td></tr>
<tr><td>2</td><td>Evidence of artificial regeneration - less than 40%.</td><td></td></tr>
<tr><td>3</td><td>Evidence of artificial regeneration - 40% or more.</td><td></td></tr>
<tr><td>4</td><td>Harvested recently - regeneration not yet evident.</td><td></td></tr>
<tr><td>5</td><td>Evidence of artificial regeneration – percentage not estimated.</td><td></td></tr>
<tr><td>7</td><td>Forest land encroachment</td><td></td></tr>
</table></td></tr>
<tr><td>SETTING_SIZE</td><td>N(8,4)</td><td>Total area of the setting. Examples: If measuring a stand, it is the size of the stand, if measuring on a grid; it is the area of the sample (cluster or plot). This is not to be confused with the area expansion factor for a plot or stratum etc. Stored in acres.</td></tr>
<tr><td>SLOPE</td><td>N(3)</td><td>Ratio of vertical rise to horizontal distance for the setting. Stored in percent.</td></tr>
<tr><td>SLOPE_POSITION</td><td>VC(2)</td><td>Primary position of a setting on a slope.
<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>SU</td><td>Summit</td><td>CSE</td></tr>
<tr><td>SH</td><td>Shoulder</td><td>CSE</td></tr>
<tr><td>BS</td><td>Backslope</td><td>CSE</td></tr>
<tr><td>FS</td><td>Footslope</td><td>CSE</td></tr>
<tr><td>TS</td><td>Toeslope</td><td>CSE</td></tr>
<tr><td>VB</td><td>Valley bottom</td><td>CSE</td></tr>
</table></td></tr>
<tr><td>SLOPE_SHAPE_HORIZ</td><td>VC(2)</td><td>Horizontal slope shape of the land surface.
<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>BR</td><td>Broken</td><td>CSE</td></tr>
<tr><td>CC</td><td>Concave</td><td>CSE</td></tr>
<tr><td>CV</td><td>Convex</td><td>CSE</td></tr>
<tr><td>LL</td><td>Linear or planar</td><td>CSE</td></tr>
<tr><td>PA</td><td>Patterned</td><td>CSE</td></tr>
<tr><td>UN</td><td>Undulating</td><td>CSE</td></tr>
<tr><td>UA</td><td>Unable to assess</td><td>CSE</td></tr>
<tr><td>FL</td><td>Flat</td><td></td></tr>
</table></td></tr>
</table>

NRV_REAGG_SETTING_MEASUREMETNS (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>SLOPE_SHAPE_VERT</td><td>VC(2)</td><td>Vertical slope shape of the land surface.

<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>BR</td><td>Broken</td><td>CSE</td></tr>
<tr><td>CC</td><td>Concave</td><td>CSE</td></tr>
<tr><td>CV</td><td>Convex</td><td>CSE</td></tr>
<tr><td>LL</td><td>Linear or planar</td><td>CSE</td></tr>
<tr><td>PA</td><td>Patterned</td><td>CSE</td></tr>
<tr><td>UN</td><td>Undulating</td><td>CSE</td></tr>
<tr><td>UA</td><td>Unable to assess</td><td>CSE</td></tr>
<tr><td>FL</td><td>Flat</td><td></td></tr>
</table></td></tr>
<tr><td>STAND_CONDITION</td><td>N(2)</td><td>Stand Condition Class. The following are Region 8 codes.

<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>1</td><td>In Regeneration</td><td></td></tr>
<tr><td>2</td><td>Damaged pole timber</td><td></td></tr>
<tr><td>3</td><td>Damaged sawtimber</td><td></td></tr>
<tr><td>4</td><td>Forest pest infestation</td><td></td></tr>
<tr><td>5</td><td>Sparse pole timber</td><td></td></tr>
<tr><td>6</td><td>Sparse sawtimber</td><td></td></tr>
<tr><td>7</td><td>Low quality pole timber</td><td></td></tr>
<tr><td>8</td><td>Low quality sawtimber</td><td></td></tr>
<tr><td>9</td><td>Mature pole timber</td><td></td></tr>
<tr><td>10</td><td>Mature sawtimber</td><td></td></tr>
<tr><td>11</td><td>Immature pole timber</td><td></td></tr>
<tr><td>12</td><td>Immature sawtimber</td><td></td></tr>
<tr><td>13</td><td>Seedling and sapling</td><td></td></tr>
<tr><td>14</td><td>Adequately stocked seedlings and saplings</td><td></td></tr>
<tr><td>15</td><td>Inadequately stocked / nonstocked</td><td></td></tr>
<tr><td>16</td><td>Group selection management</td><td></td></tr>
<tr><td>17</td><td>Individual tree selection management</td><td></td></tr>
<tr><td></td><td></td><td></td></tr>
</table></td></tr>
<tr><td>STAND_YEAR_OF_ORIGIN</td><td>N(4)</td><td>Calendar year the stand was planted or created. Use the mean age of the dominant and codominant trees in the stand to calculate the stand year of origin.</td></tr>
<tr><td>STATE</td><td>VC(2)</td><td>Alpha state code of the state where the setting is located. For example: Use “CO” for Colorado. Constrained by Nrv_states</td></tr>
<tr><td>STATE_PLANE_DATUM</td><td>VC(10)</td><td>Method of determination for latitude and longitude.</td></tr>
<tr><td>STATE_PLANE_X</td><td>N(12,3)</td><td>The X-coordinate of the State Plane grid.</td></tr>
<tr><td>STATE_PLANE_Y</td><td>N(12,3)</td><td>The Y-coordinate of the State Plane grid.</td></tr>
<tr><td>STATE_PLANE_ZONE</td><td>VC(10)</td><td>The zone in which the State Plane exists.</td></tr>
<tr><td>STEM_MAPPED_FLAG</td><td>VC(1)</td><td>Flag to indicate if the setting was stem mapped.
Y = Yes, the setting was stem mapped.</td></tr>
</table>

NRV_REAGG_SETTING_MEASUREMENTS (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>STOCKING_FLAG</td><td>VC(1)</td><td>Flag to indicate if the setting is currently stocked.
Y = Yes, the setting is stocked.</td></tr>
<tr><td>STOCKING_PERCENT</td><td>N(3)</td><td>Portion of the setting that is stocked. Stored in percent.</td></tr>
<tr><td>STRATUM</td><td>VC(6)</td><td>Current stratum definition of the setting.</td></tr>
<tr><td>STRATUM_EXPANSION_FACTOR</td><td>N(9,1)</td><td>Value used to expand the sample information to an area basis. Stored in acres.</td></tr>
<tr><td>STRUCTURE</td><td>VC(2)</td><td>Description of the distribution of tree size classes within the setting.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>SS</td><td>Single-story</td><td>CSE</td></tr><tr><td>TS</td><td>Two-storied</td><td>CSE</td></tr><tr><td>MS</td><td>Multi-storied</td><td>CSE</td></tr><tr><td>MO</td><td>Mosaic</td><td>CSE</td></tr><tr><td>UA</td><td>Unknown/un-assessable</td><td>CSE</td></tr></table></td></tr>
<tr><td>SUBCOMPARTMENT_NO</td><td>VC(10)</td><td>Subdivision of compartment.</td></tr>
<tr><td>SUBCYCLE_NUMBER</td><td>N(2)</td><td>FIADB Survey Table variable. Inventory subcycle number. For an annual inventory that takes n years to measure all plots, subcycle shows in which of the n years of the cycle the data were measured. Subcycle is 0 for a periodic inventory.</td></tr>
<tr><td>SUBCYCLE_PREVIOUS</td><td>N(2)</td><td>Previous inventory subcycle number. Identifies the most recent prior subcycle number.</td></tr>
<tr><td>SUBGROUP_CODE</td><td>VC(4)</td><td>Subgroup the plots within the setting into different conditions within a setting.</td></tr>
<tr><td>SUMMARY_MSN_FLAG</td><td>VC(1)</td><td>A flag to indicate whether or not the data set for this parent setting is suitable for use in the FSVeg summary process or for use in Most Similar Neighbor processing.
Y” = data is suitable
Null = data is not suitable or status unknown</td></tr>
<tr><td>SURVEY_UNIT</td><td>VC(2)</td><td>Forest Inventory and Analysis survey unit identification number. Survey units are usually groups of Counties within each State. This code is used primarily for reporting purposes.

For FIA data, Survey Unit Codes and Names are found in Appendix C of Miles, et. al. 2001. The forest inventory and analysis database: database description and users manual version 1.0. Gen. Tech. Rep. NC-218 St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Research Station, 130 p.</td></tr>
</table>

NRV_REAGG_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
TOPOGRAPHIC_POSITION	VC(2)	PNW Regional variable. The topographic position for each subplot.

Code	Description	Use
0	Other – described in remarks	PNW
1	Ridge top or mountain peak over 130 feet	PNW
2	Narrow ridge top or peak less than 130 feet wide	PNW
3	Sidehill -- upper 1/3	PNW
4	Sidehill -- middle 1/3	PNW
5	Sidehill -- lower 1/3	PNW
6	Canyon bottom less than 660 feet wide	PNW
7	Bench, terrace or dry flat	PNW
8	Broad alluvial flat over 660 feet wide	PNW
9	Swamp or wet flat	PNW

TRANSECT_AZIMUTH	N(3)	The azimuth direction of the transect
UTM_DATUM	V(10)	Method of determination for recording UTM coordinates. FIA plots use the NAD83 datum.
UTM_EASTING	VC(6)	Easting, for the southwest corner of the UTM grid cell encompassing the setting. Stored in meters.
UTM_ERROR	N(5)	Stored in feet (+/-).
UTM_NORTHING	VC(7)	Northing, for the southwest corner of the UTM grid cell encompassing the setting. Stored in meters.
UTM_ZONE	N(2)	UTM zone
UTM_ZONE_DESIGNATOR	VC(1)	For FIA data, to designate which UTM zone is being used.
YEAR_SETTING_ID_CHANGED	N(4)	Calendar year the setting ID changed from the previous setting ID to the current setting ID. Must be greater than 1799.

NRV_REAGG_SOURCE_INFO

Filled by the AML during Reagg processing; records are removed once the Reagg data sets have been processed.

Name	Size	Description
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.

NRV_REAGG_SOURCE_INFO (cont.)

Name	Size	Description
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
PARENT_SETTING_ID ***Required***	VC(30)	The re-aggregated parent setting record identifier.
PLOT_GIS_LINK ***Required***	VC(26)	The GIS link value of the plot record in FSVeg.
PROJECT_NAME ***Required***	VC(25)	Re-aggregation data project name
REMARKS	VC(255)	Remarks about the re-aggregated data

NRV_RSETS_PLOT_COUNTS

Reagg version of nrv_plot_counts. Contains data pertaining to all Reagg data sets.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
SETMEAS_CN ***Required***	VC(34)	Foreign key to Nrv_setting_measurements.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
PROJECT_NAME ***Required***	VC(25)	Project name of the re-aggregated data.
REAGG_FLAG ***Required***	VC(1)	Used to differentiate this table from its non-Reagg counterpart. Set to "Y."
VPDUNIT_ID ***Required***	VC(10)	Code which lets a user access specific data in the database. In most cases this is the Region and Forest number which allows the user to only access and manipulate that Region's and Forest's data.
COUNT_DESCRIPTION	VC(30)	Description of the data stored in the record and how it is used. Example: PLOTS PER STAND SUBPLOTS PER PLOT
DESIGN_CN	VC(34)	Foreign key to Nrv_sample_designs.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
PLOTS_INSTALLED	N(4)	Sample elements at this record level per the next higher level. For example, three plots may be installed within a setting, or 7 subplots installed within a plot.
PLOTS_WITH_PLANTS	N(4)	**This column is no longer used.**
ROW_ACCESS_CODE	VC(6)	Control field to support row level access.
STANDARD_NO_PLOTS	N(4)	The number of plots that should be, by design, installed.

NRV_RSETS_SAMPLE_DESIGNS

Reagg version of the nrv_sample designs table. Contains data pertaining to all Reagg data sets.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
PROJECT_NAME ***Required***	VC(25)	Reagg project name, defined by the local unit. Used to collectively identify all settings within a Reagg data set.
REAGG_FLAG ***Required***	VC(1)	Used to differentiate this table from its non-Reagg counterpart. Set to "Y."
SETMEAS_CN ***Required***	VC(34)	Foreign key to Nrv_setting_measurements.
VPDUNIT_ID ***Required***	VC(10)	Code which lets a user access specific data in the database. In most cases this is the Region and Forest number which allows the user to only access and manipulate that Region's and Forest's data.
SAMPLE_DESIGN_TYPE	VC(6)	**Not currently Used.**
LENGTH	N(6,3)	Measure of the extent along the greatest dimension of a rectangular or square plot. Stored in feet.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
PURPOSE_CODE	VC(4)	**Not currently used**
REMARKS	VC(255)	Remarks relevant to the sample design.
ROW_ACCESS_CODE	VC(6)	Control field to support row level access.
SAMPLE_EXPANSION_FACTOR	N(9,4)	The expansion factor corresponds to selection_method_type column. It is used to convert tree or piece data to a per-unit-area basis (acres). The expansion factor is dependent on the selection method selected. Selection Method — Expansion Factor FRQ — inverse of the fixed area plot BAF — basal area factor of the variable radius plot DBH — horizontal line factor TRN — length of fixed transect line expressed as a horizontal distance VTR — length of variable transect line HSQ — vertical point factor used HTS — vertical line factor used
SAMPLE_RULE_NO	VC(3)	Unique number to label the different rules within a sample design. This number is defined regionally.

NRV_RSETS_SAMPLE_DESIGNS (cont.)

Name	Size	Description
SELECTION_METHOD_TYPE	VC(3)	Method by which trees, shrubs, grasses or debris were selected: Code / Description / Use: FRQ – Frequency for fixed area plots or linear strip plots. – CSE BAF – Basal area factor for a variable radius plot. – CSE TRN – Fixed length transect line – CSE DBH – Horizontal line sample. VTR – Variable length transect line HSQ – Vertical point sample. HTS – Vertical line sample. MIC – Microplot (Daubenmire range plots). MAC – Macroplot (Daubenmire range plots).
SETTING_DESIGN_CODE	VC(4)	FIADB Plot Table variable. The type of plot design used to collect data. 1 = National FIA mapped plot design with 4 fixed-radius subplots 100-199 = Northeastern Station designs 200-299 = Southern Station designs 300-399 = North Central Station designs 400-499 = Rocky Mountain Station designs 500-599 = Pacific Northwest Station designs 600-699 = Alaska designs
TRANSECT_AZIMUTH	N(3)	Azimuth used to establish the transect line.
WIDTH	N(6,3)	The measurement of the extent from side to side of a rectangular or square plot. Stored in feet.

NRV_RSETS_SELECTION_CRITERIA

Reagg version of nrv_selection_criteria. Contains data pertaining to all Reagg data sets.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
DESIGN_CN ***Required***	VC(34)	Foreign key to Nrv_sample_designs.
PROJECT_NAME ***Required***	VC(25)	Reagg project name, defined by the local unit. Used to collectively identify all settings within a Reagg data set.

NRV_RSETS_SELECTION_CRITERIA (cont.)

Name	Size	Description
REAGG_FLAG ***Required***	VC(1)	Used to differentiate this table from its non-Reagg counterpart. Set to 'Y'
VPDUNIT_ID ***Required***	VC(10)	Code which lets a user access specific data in the database. In most cases this is the Region and Forest number which allows the user to only access and manipulate that Region's and Forest's data.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
ROW_ACCESS_CODE	VC(6)	Control field to support role level access.
SELCRIT_CN_OF	VC(34)	Foreign key to Nrv_selection_criteria for recursive columns. This column is NOT currently used and should NOT be populated. Contact the FSVeg staff for proper implementation of recursive functionality in this table.
SELECTION_CRITERIA_NO	VC(3)	A number to label each selection criteria record within an inventory. This number is usually unique for each selection criteria record in an inventory. If two or more selection criteria, within the same inventory, share the same selection criteria number, then they are linked by an implied "AND" condition; and hence a sample item must meet ALL of the linked selection criteria in order to be sampled.
SUBPOP	VC(3)	Characteristic used to define the sampled population.

Code	Description	Use
DBH	Diameter at breast height	CSE
DRC	Diameter at root collar	CSE
HGT	Height	CSE
CVR	Percent of vegetation cover	CSE
SVC	Percent of ground surface cover	CSE
LGT	Length	CSE
DIA	Diameter at midpoint or intersection	CSE
DMG	Tree damage category	CSE
SPP	Species	CSE
STS	Tree class	

NRV_RSETS_SELECTION_CRITERIA (cont.)

Name	Size	Description
SUBPOP_CODE_VALUE	VC(8)	Subpopulation characteristic code. This value is used in conjunction with the "SUBPOP" value to further define the sampled population. SUBPOP — Valid SUBPOP_CODE_VALUES CVR — LIVE, DEAD, ALL DBH — LIVE, DEAD, ALL, DOWN, HARD*, SOFT* DIA — LIVE, DEAD, ALL, DOWN, STUMPS DMG — a disturbance category code from NRV_Disturbance_Agents DRC — LIVE, DEAD, ALL, DOWN, CLUMPS, HARD*, SOFT* HGT — LIVE, DEAD, ALL LGT — LIVE, DEAD, ALL, DOWN SPP — a Species Symbol from the TAXA tree list* STS — LIVE, DEAD, ALL, STUMPS, CLUMPS, DOWN SVC — not used for this SUBPOP code * Can be used with '-L, '-D,' and '-A' suffixes to denote standing live, standing dead, and all standing live and dead, respectively, but are not used with CSE.
SUBPOP_MAX_VALUE	N(13,4)	Maximum value for the subpopulation characteristic. If the Subpop column is DBH, DIA, DRC, LGT, or HGT, enter the maximum value. DBH, DIA, and DRC are stored in inches. LGT and HGT are stored in feet.
SUBPOP_MIN_VALUE	N(13,4)	Minimum value for the subpopulation characteristic. If the Subpop column is DBH, DIA, DRC, LGT, or HGT, enter the minimum value.
TALLY_FLAG	VC(1)	Was the subpopulation data collected with a tally count (i.e., diameter and height were not recorded, but species and tree count were)? Y = Data was collected via a tally method.

NRV_RSETS_SETTING_MEASUREMENTS

Reagg version of nrv_setting_measurements. Contains data pertaining to all Reagg data sets.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
PROJECT_NAME ***Required***	VC(25)	Reagg project name, defined by the local unit. Used to collectively identify all settings within a Reagg data set.
REAGG_FLAG ***Required***	VC(1)	Used to differentiate this table from its non-Reagg counterpart. Set to 'Y'
VPDUNIT_ID ***Required***	VC(10)	Code which lets a user access specific data in the database. In most cases this is the Region and Forest number which allows the user to only access and manipulate that Region's and Forest's data.
AGENCY	VC(4)	Governing agency. This column is constrained by the codes in Nrv_owner_agency_codes.
AIRPH_CN	VC(34)	Foreign key to Nrv_aerial_photos. This will identify the aerial photo associated with this setting.
ARCHIVE_FLAG	VC(1)	Flag to indicate that this setting measurement record does not represent the current status of the vegetation. The setting vegetation has been altered by an event such as fire or harvest. This flag is also used when the setting measurement record has been replaced with a more recently obtained record. Y = Yes, this is an archived record.
ASPECT	N(3)	General direction of downslope, in degrees azimuth, which the setting faces. 0 = flat 360 = north 1000 = Indeterminate, undulating, or no predominant slope
AZIMUTH	N(3)	The direction, going clockwise from due North, to some object. Valid values are from 0 (due North) to 360 where 180 is due south. This column was added to support FIA data during analysis of FIA datasets. It is unclear how this will be used in the future.
AZIMUTH_TO_PLOT_CENTER	N(3)	The azimuth from the location where coordinates were collected to actual plot center. If coordinates are collected at plot center, record 000. Valid values are 000 to 360.
BUFFER_FLAG	VC(1)	Flag to indicate if there is a buffer of similar condition and treatment around the plot. Y = Yes, there is a buffer.
BUFFER_WIDTH	N(6,2)	Average width of the buffer of similar condition and treatment around the plot. Stored in feet.
CANOPY_CLOSURE	N(3)	Amount of the setting covered by the crowns of trees. Stored in percent.
CANOPY_CLOSURE_METHOD	VC(2)	Method used to determine canopy closure. **Code** / **Description** / **Use** M / Measured / E / Estimated / C / Calculated /

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
CAPABLE_GROW_AREA_PCT	N(3)	The area capable of growing trees. Stored in percent.
COLLECTOR_VERSION	VC(15)	The version of the PDR software used to collect the data. The PNW Regional data will store the DATA_RECORDER_NUMBER in this field. This field will only be populated at the parent record of the setting not the child record. PNW manual version # will start with 1.0.0 at the beginning of the field season. If minor modifications to the data recorder program are made in response to changes in field procedures or programming requirements, the z field will be changed to z+1. If more significant changes are made, the y field will be changed to y+1. The first field (x) will be changed only in the event of a major modification to the program.
COMPARTMENT_NO	VC(10)	Division of forest for purposes of orientation, administration, and silvicultural operations. It is defined by permanent boundaries, of natural features or artificially marked.
CONDITION_STATUS_CHANGE	VC(1)	RMRS Condition Class VARIABLE. See RMRS Field manual for a definition of the four valid codes: 1, 2, 3, and 4.
CONSEC_PT_NUM	VC(8)	For FIA use. Each FIA plot has a unique point number to locate the plot on a quad map. The combination of state, plot, and point number uniquely identifies a plot and its location within a state.
COUNTY	VC(3)	Numeric County code where the setting is located.
CYCLE_LENGTH	N(2)	Cycle length. The number of years needed to complete all five panels. The 1998 Farm Bill contained an unfunded mandate that annual inventories be conducted with a completion of the five panels in 5 years. Due to limited funding the cycle length often exceeds five years, especially in the west and Alaska.
CYCLE_PREVIOUS	N(2)	Previous inventory cycle number. Identifies the most recent prior cycle number.
CYCLE_NUMBER	N(2)	FIADB Survey Table variable. Inventory cycle number. For example, a 4 shows the data came from the fourth inventory of that State. A cycle number greater than 1 does not necessarily mean that information for previous cycles resides in the database.
DATA_CODE_1	VC(16)	Used to record alphanumeric information specific to a particular Region or sample protocol. This information is not a nationally recognized data element.
DATA_CODE_1_DEFINITION	VC(160)	Define the value stored in data_code_1.
DATA_CODE_2	VC(16)	Used to record alphanumeric information specific to a particular Region or sample protocol. This information is not a nationally recognized data element.
DATA_CODE_2_DEFINITION	VC(160)	Define the value stored in data_code_2.

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
DATA_CODE_3	VC(16)	Used to record alphanumeric information specific to a particular Region or sample protocol. This information is not a nationally recognized data element.
DATA_CODE_3_DEFINITION	VC(160)	Define the value stored in data_code_3.
DATA_CODE_4	VC(16)	Used to record alphanumeric information specific to a particular Region or sample protocol. This information is not a nationally recognized data element.
DATA_CODE_4_DEFINITION	VC(160)	Define the value stored in the data_code_4.
DATA_NUM_1	N(7,2)	Used to record numeric information specific to a particular Region or sample protocol. This information is not a nationally recognized data element.
DATA_NUM_1_DEFINITION	VC(160)	Define the value stored in the data_num_1.
DATA_NUM_2	N(7,2)	Used to record numeric information specific to a particular Region or sample protocol. This information is not a nationally recognized data element.
DATA_NUM_2_DEFINITION	VC(160)	Define the value stored in the data_num_2.
DATE_ACCURACY	VC(5)	Record the accuracy of the value in measurement_date. **Code** / **Description** / **Use** DAY / Valid to the nearest day / CSE MONTH / Valid to the nearest month / YEAR / Valid to the nearest year / EST / Only an estimate /
DECLINATION	N(5,1)	The azimuth correction used to adjust magnetic north to true north. All azimuths are assumed to be magnetic azimuths unless otherwise designated. This field is used only where units are adjusting azimuths to correspond to true north; for units using magnetic azimuths, this field will always be set to "0" in the office. This field carries a decimal place because the USGS corrections are provided to the nearest half-degree. Declination is defined as True North - Magnetic North. For CSE data, this value will always be set to 999 to indicate true North.
DISTANCE_TO_PLOT_CENTER	N(4)	The horizontal distance, in feet, from the location where the coordinates were collected to the actual plot center. If coordinates are collected at plot center, the value is 000.
DISTRICT_NO	VC(2)	Ranger district number of the administrator or owner for the setting (sample location).

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
ECOREGION	VC(7)	Stores regional and sub-regional ecological units (subsections) that nest within, and refine successively larger ecological units (Bailey et. al 1995 revised) developed according to the classification scheme of the National Hierarchical Framework of Ecological Units (Avers et. Al. 1994). Subsections for the Eastern United States are documented in Keys, James E. et. al 1995. This code includes an optional 1-character for mountain, 1-digit for domain, 1-digit for division, 1-digit for province, 1-character for section, and 1-character for subsection. For example; the code M212Bd is decoded as M = mountain, 2 = humid temperate domain, 1 = warm continental Regime Mountains division, 2 = Adirondack-New England Mixed Forest - Coniferous Forest-Alpine meadow province, B = New England Piedmont section, and d = Hillsboro Inland Hills and Plains subsection.
ELEVATION	N(6,1)	Height above sea level. Stored in feet.
ELEVATION_METHOD	VC(2)	How the elevation was derived.
EV_CODE	VC(10)	Existing vegetation code for this setting. This column is constrained by the codes in Nrv_ev_cover_types.
EV_REF_CODE	VC(10)	Document from which the ev_code was obtained. This column is constrained by the codes in Nrv_cover_references.
FIRE_INFO_FK	VC(34)	Foreign key to Nrv_fire_info. Indicates what, if any, fire is associated with a given setting record.
FOREST_ADMIN	VC(2)	Administrative Forest number.
FOREST_PROC	VC(2)	Proclaimed Forest number.
FUEL_MODEL	VC(3)	Fuel model used in this setting.
FUEL_PHOTO_FK	VC(34)	Document from where the fuel model was obtained, or the residue description photo. This column is constrained by Nrv_fuel_photos.residue_desc_code
FUEL_PHOTO_REFERENCE	VC(10)	Number of the fuel photo reference used.
GCN	VC(34)	System generated key to link records in this table to polygons in a GIS map. This column will be eliminated in future versions. Use the GIS-Link column instead.
GEOGRAPHICAL_AREA	VC(5)	Geographical area code for locations not on a Forest Service site.
GEOREFERENCE_METHOD	VC(11)	The method used to determine the georeference of the setting: **Description** / **Use** GEODETIC / CSE STATE PLANE UTM
GIS_LINK	VC(26)	The identifier to link the setting to a Geographic Information System (GIS) coverage.
HEIGHT_GROWTH_INTERVAL	N(2)	Time period over which height growth is measured. Stored in years. Values less than 1 are not allowed.

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
HEX_NUMBER	VC(7)	The id number for each plot, unique within a county. This is the hexagon number on the plot jacket. It is a unique hex number within a state. Valid values are 1-99999.
HYDROLOGIC_UNIT_CODE	N(12)	PNW Regional variable. The watershed where the field grid point is located.
I_M_FLAG	VC(1)	Populated on stand only. If Y this is data that will be or is measured multiple times.
IMAGE_FLAG	VC(1)	Flag to indicate if a set of special images (photos, landsat etc.) of this setting was taken. This does not refer to aerial photos taken on a general flight path. Y= Yes, a set of images was taken.
INCLUSION_ACRES	N(8,4)	The size of the area different from the prevalent condition, yet too small to qualify as a separate condition class. PNWRS attribute.
INCLUSION_ACRES_TYPE	VC(2)	Type of inclusion. NF = Non-forest inclusion. PNWRS attribute.
LATITUDE_DEG	N(3)	Degree portion of the angular distance, North or South of the equator. Stored in degrees.
LATITUDE_MIN	N(2)	Minute portion of the angular distance, North or South of the equator. Stored in minutes.
LATITUDE_SEC	N(4,2)	Second portion of the angular distance, North or South of the equator. Stored in seconds.
LAT_LON_DATUM	VC(50)	Method of determination for latitude and longitude.
LEVEL_1_ALIAS	VC(12)	Name given to the level_1_id by a specific sampling protocol. **Description** / **Use** STAND / CSE CLUSTER / FIA
LEVEL_1_ID	VC(10)	Uniquely identify a sample unit within a setting. The sampling units may be plots, points, transects etc. A setting may have more than one level_1_id. Examples: For stand exams, this is the stand or polygon number. For grid inventories, this is the cluster plot number, although no data may be sampled on the cluster. For range and ecology plots, this is the site.
LEVEL_2_ALIAS	VC(12)	Name given to the level_ 2_id by a specific sampling protocol. **Description** / **Use** PLOT / CSE/FIA

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>LEVEL_2_ID</td><td>VC(10)</td><td>Used to uniquely identify each element within a sub sample. For stand exams, this is the plot. For grid inventories, this may be the parent plot number. For range or ecology plots this may be transect, microplot, or macroplot, depending on the design.

<u>National Core data:</u> <u>PNW Regional data:</u>
1 = Center N1 = Center
2 = North N2 = North
3 – Southeast N3 = Southeast
4 = Southwest N4 = Southwest</td></tr>
<tr><td>LEVEL_3_ALIAS</td><td>VC(12)</td><td>Name given to the level_3_id by a specific sampling protocol. Examples:

<table><tr><th>Description</th><th>Use</th></tr><tr><td>SUBPLOT</td><td></td></tr><tr><td>MICROPLOT</td><td></td></tr><tr><td>FIA_MICROPLOT</td><td>FIA</td></tr><tr><td>TRANSECT</td><td>FIA</td></tr></table>
For FIA data this value is set to “FIA_Microplot.”</td></tr>
<tr><td>LEVEL_3_ID</td><td>VC(10)</td><td>Used to uniquely identify each element within a sub sample. For grid inventories, this may be the sub plot number. For range or ecology plots, this may be a microplot for one sample design. The FIA National core data seedling micro-plot number. Currently there is only one micro-plot per subplot.</td></tr>
<tr><td>LEVEL_4_ALIAS</td><td>VC(12)</td><td>Name given to the level_4_id by a specific sampling protocol.</td></tr>
<tr><td>LEVEL_4_ID</td><td>VC(10)</td><td>Used to uniquely identify each element within a sub sample. Since this level is provided for future flexibility, examples are not provided.</td></tr>
<tr><td>LEVEL_5_ALIAS</td><td>VC(12)</td><td>Name given to the level_5_id by a specific sampling protocol.</td></tr>
<tr><td>LEVEL_5_ID</td><td>VC(10)</td><td>Uniquely identify each element within a subsample. Since this level is provided for future flexibility, examples are not provided.</td></tr>
<tr><td>LEVEL_6_ALIAS</td><td>VC(12)</td><td>Name given to the level_6_id by a specific sampling protocol.</td></tr>
<tr><td>LEVEL_6_ID</td><td>VC(10)</td><td>Uniquely identify each element within a subsample. Since this level is provided for future flexibility, examples are not provided.</td></tr>
<tr><td>LOADER_VERSION</td><td>VC(15)</td><td>The version of the forms, PDR loader, or legacy data software used to load data into the database. For FIA data, the legacy Regional loaders are populated with a version number that corresponds to the date of program compilation. This field contains the loader compilation date and is populated only at the parent record of the setting not the child record.</td></tr>
<tr><td>LOCATION</td><td>VC(16)</td><td>The location of the stand within a Region, Forest, and District.</td></tr>
</table>

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>LONGITUDE_DEG</td><td>N(3)</td><td>Degree portion of the angular distance East or West of the prime meridian at Greenwich, England. Stored in degrees.</td></tr>
<tr><td>LONGITUDE_MIN</td><td>N(2)</td><td>Minute portion of the angular distance East or West of the prime meridian at Greenwich, England. Stored in minutes.</td></tr>
<tr><td>LONGITUDE_SEC</td><td>N(4,2)</td><td>Second portion of the angular distance East or West of the prime meridian at Greenwich, England. Stored in seconds.</td></tr>
<tr><td>MAINTENANCE_STATUS</td><td>VC(2)</td><td>Indicates the maintenance status of a plot.
<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>A</td><td>Active</td><td></td></tr>
<tr><td>I</td><td>Inactive</td><td></td></tr>
<tr><td>D</td><td>Destroyed</td><td></td></tr>
<tr><td>1</td><td>Initial plot establishment - field visited or remotely classified.</td><td>FIA</td></tr>
<tr><td>2</td><td>Re-measurement of a previously established National design plot – field visited or remotely classified.</td><td>FIA</td></tr>
<tr><td>3</td><td>Replacement plot - a previously established National design plot that was replaced with a new plot because the original plot could not be relocated or because plot data were lost.</td><td>FIA</td></tr>
<tr><td>4</td><td>Modeled</td><td>FIA</td></tr>
</table></td></tr>
<tr><td>MANAGEMENT_TYPE</td><td>N(2)</td><td></td></tr>
<tr><td>MANAGEMENT_PRODUCTIVITY</td><td>N(1)</td><td></td></tr>
<tr><td>MAP_ID</td><td>VC(16)</td><td>Map ID number. FIA associates the quad map number and point number on that map for each FIA Plot.</td></tr>
<tr><td>MEASUREMENT_DATE</td><td>DATE</td><td>The date the setting was measured. If date is not known enter the year and/or month that is known.</td></tr>
<tr><td>MEASUREMENT_NO</td><td>VC(4)</td><td>Sequential number to identify the measurement sequence of a re-measured setting or plot.</td></tr>
<tr><td>MEASUREMENT_ORGANIZATION</td><td>VC(15)</td><td>Organization or person responsible for data collection.
<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td></td><td>Examiner name</td><td>CSE</td></tr>
<tr><td>22</td><td>Rocky Mountain Research Station</td><td>FIA - RMRS</td></tr>
<tr><td>23</td><td>North Central Research Station</td><td>FIA - NCRS</td></tr>
<tr><td>24</td><td>Northeast Research Station</td><td>FIA - NERS</td></tr>
<tr><td>26</td><td>Pacific Northwest Research Station</td><td>FIA - PNW</td></tr>
<tr><td>27</td><td>Alaska - Pacific Northwest Research Station</td><td>FIA - AKPNWRS</td></tr>
<tr><td>33</td><td>Southern Research Station</td><td>FIA - SRS</td></tr>
</table></td></tr>
</table>

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
MEAS_STD_ID	VC(12)	Foreign key to Nrv_measurement_standards. Identifies the measurement standards used throughout the setting.
MERIDIAN_CODE	VC(2)	The principal meridian, defined as the line from which the survey of township boundaries along the parallels is initiated. This column is constrained by Nrv_principal_meridians.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
NFS_LAND_CLASS	VC(3)	Current land class used for NFS data. A classification that indicates the basic land cover.
OWNER	VC(4)	The agency that owns the land the setting is located on. This column is constrained by Nrv_owner_agency_codes. For FIA data this value is the owner class code that best corresponds to the ownership (or the managing agency for public lands) of the land in the condition class.
PHYSIOGRAPHIC_CLASS	VC(3)	Foreign key to Nrv_physiographic_classes. The physiographic class of the subplot: landform, topographic position, and soil generally determine the physiographic class. More detailed definitions can be found in PNW Field Guide pg. 43-44.
PLS_RANGE	VC(5)	Range where the setting is located. For example, 0590W is Range 59 West, and 1093E is Range 109 3/4 East.
PLS_SECTION	VC(2)	Section where the setting is located. Valid numbers are 1-36.
PLS_SUBDIVISION	VC(4)	Portion of a Section where the setting is located. Sections are divided in sixteen equal parts of 40 acres each. Example: NWSE indicates the SE quarter of the NW quarter.
PLS_TOWNSHIP	VC(5)	Township where the setting is located. For example, 1010N is Township 101 North, and 0292S is Township 29 1/2 South.
PREVIOUS_SETTING_ID	VC(30)	If setting_id has changed, for example renumbering the setting, this column contains the previous setting ID. The value contained in the setting_id field is considered the current setting ID.
PROJECT_NAME	VC(25)	Defined by the organization. Project names or identifiers should be consistent when applied to multiple settings. This column is used to retrieve information for all plots installed under the same project or to list a particular survey type. Examples are: R3 RMSTAND, INTENSIVE, INFGRIP94_1, INTERMOUNTAIN FIA, BURNT BACON CREEK, and COLUMBIA RIVER BASIN.
PURPOSE_CODE	VC(4)	Code that represents the reason for the survey. This column is constrained by Nrv_exam_purpose_codes
PV_CODE	VC(10)	Potential vegetation for this setting. A partial list of codes is located in Nrv_pv_cover_types; however this column is not constrained by this set of codes.

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
PV_REF_CODE	VC(10)	Document from which the pv_code was obtained. This column is constrained by Nrv_cover_references.
RADIAL_GROWTH_INTERVAL	N(2)	Time period over which radial_growth is measured. Stored in years. Values less than 1 are not allowed.
RADIAL_GROWTH_INTERVAL_2	N(2)	Time period over which radial_growth_2 is measured. Stored in years. Values less than 1 are not allowed.
RECENT_MORTALITY_YEARS	N(2)	Time period defining the term "recent mortality." Stored in years.
REGION_ADMIN	VC(2)	Administrative Region number. Code / Description / Use 01 / Northern Region / CSE 02 / Rocky Mountain Region / CSE 03 / Southwest Region / CSE 04 / Intermountain Region / CSE 05 / Pacific Southwest Region / CSE 06 / Pacific Northwest Region / CSE 08 / Southern Region / CSE 09 / Eastern Region / CSE 10 / Alaska Region / CSE 99 / Non-forest service lands / CSE
REGION_PROC	VC(2)	Proclaimed Region number. Code / Description / Use 01 / Northern Region / CSE 02 / Rocky Mountain Region / CSE 03 / Southwest Region / CSE 04 / Intermountain Region / CSE 05 / Pacific Southwest Region / CSE 06 / Pacific Northwest Region / CSE 08 / Southern Region / CSE 09 / Eastern Region / CSE 10 / Alaska Region / CSE 99 / Non-forest service lands / CSE
REGISTRATION_CODE	VC(4)	
REMARKS	VC(255)	Remarks about this setting.
REMEASUREMENT_PERIOD	N(3,1)	FIADB Plot Table variable The number of years between measurements of re-measured plots. This variable is set to -1 for new plots. Remeasurement period is based on the number of growing seasons between measurements. Allocation of parts of the growing season by month is different for each FIA program.
RESERVE_CLASS	VC(2)	Reserved status class. Indicates if the setting is reserved from timber harvesting. Code / Description / Use 0 / Non-reserved / FIA 1 / Reserved / FIA

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>ROW_ACCESS_CODE</td><td>VC(6)</td><td>Control field to support row level access.</td></tr>
<tr><td>RPA_LAND_CLASS</td><td>VC(2)</td><td>Current land class used for RPA data. A classification to indicate basic land cover.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>1</td><td>Accessible forest</td><td></td></tr><tr><td>2</td><td>Non-forest</td><td></td></tr><tr><td>3</td><td>Non-census water</td><td></td></tr><tr><td>4</td><td>Census water</td><td></td></tr><tr><td>5</td><td>Denied access</td><td></td></tr><tr><td>6</td><td>Hazardous</td><td></td></tr><tr><td>7</td><td>Not on the sample</td><td></td></tr><tr><td>9</td><td>Other tree land</td><td></td></tr></table></td></tr>
<tr><td>SAMPLE_DESIGN_TREE</td><td>VC(1)</td><td>Intensity to which the tree data was collected.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>0</td><td>Tree data was not collected.</td><td>CSE</td></tr><tr><td>1</td><td>Tree data was collected with a quick plot.</td><td>CSE</td></tr><tr><td>2</td><td>Tree data was collected with an extensive survey.</td><td>CSE</td></tr><tr><td>3</td><td>Tree data was collected with an intensive survey.</td><td>CSE</td></tr></table></td></tr>
<tr><td>SAMPLE_DESIGN_VEG</td><td>VC(1)</td><td>Intensity to which the vegetation data was collected.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>0</td><td>Vegetation data was not collected.</td><td>CSE</td></tr><tr><td>1</td><td>Vegetation data was collected with a quick plot.</td><td>CSE</td></tr><tr><td>2</td><td>Vegetation data was collected with an extensive survey.</td><td>CSE</td></tr><tr><td>3</td><td>Vegetation data was collected with an intensive survey.</td><td>CSE</td></tr></table></td></tr>
<tr><td>SAMPLE_DESIGN_DW</td><td>VC(1)</td><td>Intensity to which the down woody data was collected.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>0</td><td>Down woody data was not collected.</td><td>CSE</td></tr><tr><td>1</td><td>Down woody data was collected using a protocol other than Brown’s.</td><td>CSE</td></tr><tr><td>2</td><td>Down woody data was collected using Brown’s protocol.</td><td>CSE</td></tr></table></td></tr>
</table>

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>SAMPLE_DESIGN_SC</td><td>VC(1)</td><td>Intensity to which surface cover data was collected.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>0</td><td>Surface cover data was not collected.</td><td>CSE</td></tr><tr><td>1</td><td>Surface cover data was collected.</td><td>CSE</td></tr></table></td></tr>
<tr><td>SEED_WALL_DISTANCE</td><td>N(5,1)</td><td>Distance from the setting to the boundary of an adjoining setting where there are seed-producing trees. Residual trees, remaining in the setting after the regeneration cut, are not a “seed wall,” even though they may provide a seed source. Stored in feet.</td></tr>
<tr><td>SETMEAS_CN_OF</td><td>VC(34)</td><td>Foreign key to Nrv_setting_measurements.</td></tr>
<tr><td>SETTING_ID</td><td>VC(30)</td><td>Uniquely identifies the setting where the data are collected. This field may contain the following information: For stand exams - Region, Forest, District, Location, and Stand Number. For FIA data – State(2)//survey unit(2)//county(3)//plot Id(5)</td></tr>
<tr><td>SETTING_ORIGIN</td><td>VC(2)</td><td>Source of vegetation on the setting. Synonymous with Stand Origin.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>1</td><td>Natural vegetation - no evidence of artificial regeneration.</td><td></td></tr><tr><td>2</td><td>Evidence of artificial regeneration - less than 40%.</td><td></td></tr><tr><td>3</td><td>Evidence of artificial regeneration - 40% or more.</td><td></td></tr><tr><td>4</td><td>Harvested recently - regeneration not yet evident.</td><td></td></tr><tr><td>5</td><td>Evidence of artificial regeneration – percentage not estimated.</td><td></td></tr><tr><td>7</td><td>Forest land encroachment</td><td></td></tr></table></td></tr>
<tr><td>SETTING_SIZE</td><td>N(8,4)</td><td>Total area of the setting. Examples: If measuring a stand, it is the size of the stand, if measuring on a grid; it is the area of the sample (cluster or plot). This is not to be confused with the area expansion factor for a plot or stratum etc. Stored in acres.</td></tr>
<tr><td>SLOPE</td><td>N(3)</td><td>Ratio of vertical rise to horizontal distance for the setting. Stored in percent.</td></tr>
<tr><td>SLOPE_POSITION</td><td>VC(2)</td><td>Primary position of a setting on a slope.

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>SU</td><td>Summit</td><td>CSE</td></tr><tr><td>SH</td><td>Shoulder</td><td>CSE</td></tr><tr><td>BS</td><td>Backslope</td><td>CSE</td></tr><tr><td>FS</td><td>Footslope</td><td>CSE</td></tr><tr><td>TS</td><td>Toeslope</td><td>CSE</td></tr><tr><td>VB</td><td>Valley bottom</td><td>CSE</td></tr></table></td></tr>
</table>

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>SLOPE_SHAPE_HORIZ</td><td>VC(2)</td><td>Horizontal slope shape of the land surface.
<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>BR</td><td>Broken</td><td>CSE</td></tr>
<tr><td>CC</td><td>Concave</td><td>CSE</td></tr>
<tr><td>CV</td><td>Convex</td><td>CSE</td></tr>
<tr><td>LL</td><td>Linear or planar</td><td>CSE</td></tr>
<tr><td>PA</td><td>Patterned</td><td>CSE</td></tr>
<tr><td>UN</td><td>Undulating</td><td>CSE</td></tr>
<tr><td>UA</td><td>Unable to assess</td><td>CSE</td></tr>
<tr><td>FL</td><td>Flat</td><td></td></tr>
</table></td></tr>
<tr><td>SLOPE_SHAPE_VERT</td><td>VC(2)</td><td>Vertical slope shape of the land surface.
<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>BR</td><td>Broken</td><td>CSE</td></tr>
<tr><td>CC</td><td>Concave</td><td>CSE</td></tr>
<tr><td>CV</td><td>Convex</td><td>CSE</td></tr>
<tr><td>LL</td><td>Linear or planar</td><td>CSE</td></tr>
<tr><td>PA</td><td>Patterned</td><td>CSE</td></tr>
<tr><td>UN</td><td>Undulating</td><td>CSE</td></tr>
<tr><td>UA</td><td>Unable to assess</td><td>CSE</td></tr>
<tr><td>FL</td><td>Flat</td><td></td></tr>
</table></td></tr>
<tr><td>STAND_CONDITION</td><td>N(2)</td><td>Stand Condition Class. The following are Region 8 codes.
<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>1</td><td>In Regeneration</td><td></td></tr>
<tr><td>2</td><td>Damaged pole timber</td><td></td></tr>
<tr><td>3</td><td>Damaged sawtimber</td><td></td></tr>
<tr><td>4</td><td>Forest pest infestation</td><td></td></tr>
<tr><td>5</td><td>Sparse pole timber</td><td></td></tr>
<tr><td>6</td><td>Sparse sawtimber</td><td></td></tr>
<tr><td>7</td><td>Low quality pole timber</td><td></td></tr>
<tr><td>8</td><td>Low quality sawtimber</td><td></td></tr>
<tr><td>9</td><td>Mature pole timber</td><td></td></tr>
<tr><td>10</td><td>Mature sawtimber</td><td></td></tr>
<tr><td>11</td><td>Immature pole timber</td><td></td></tr>
<tr><td>12</td><td>Immature sawtimber</td><td></td></tr>
<tr><td>13</td><td>Seedling and sapling</td><td></td></tr>
<tr><td>14</td><td>Adequately stocked seedlings and saplings</td><td></td></tr>
<tr><td>15</td><td>Inadequately stocked / nonstocked</td><td></td></tr>
<tr><td>16</td><td>Group selection management</td><td></td></tr>
<tr><td>17</td><td>Individual tree selection management</td><td></td></tr>
</table></td></tr>
<tr><td>STAND_YEAR_OF_ORIGIN</td><td>N(4)</td><td>Calendar year the stand was planted or created. Use the mean age of the dominant and codominant trees in the stand to calculate the stand year of origin.</td></tr>
</table>

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
STATE	VC(2)	Alpha state code of the state where the setting is located. For example: Use "CO" for Colorado. Constrained by Nrv_states.
STATE_PLANE_DATUM	VC(10)	Method of determination for latitude and longitude.
STATE_PLANE_X	N(12,3)	The X-coordinate of the State Plane grid.
STATE_PLANE_Y	N(12,3)	The Y-coordinate of the State Plane grid.
STATE_PLANE_ZONE	VC(10)	The zone in which the State Plane exists.
STEM_MAPPED_FLAG	VC(1)	Flag to indicate if the setting was stem mapped. Y = Yes, the setting was stem mapped.
STOCKING_FLAG	VC(1)	Flag to indicate if the setting is currently stocked. Y = Yes, the setting is stocked.
STOCKING_PERCENT	N(3)	Portion of the setting that is stocked. Stored in percent.
STRATUM	VC(6)	Current stratum definition of the setting.
STRATUM_EXPANSION_FACTOR	N(9,1)	Value used to expand the sample information to an area basis. Stored in acres.
STRUCTURE	VC(2)	Description of the distribution of tree size classes within the setting. **Code / Description / Use** SS – Single-story – CSE TS – Two-storied – CSE MS – Multi-storied – CSE MO – Mosaic – CSE UA – Unknown/un-assessable – CSE
SUBCOMPARTMENT_NO	VC(10)	Subdivision of compartment.
SUBCYCLE_NUMBER	N(2)	FIADB Survey Table variable. Inventory subcycle number. For an annual inventory that takes n years to measure all plots, subcycle shows in which of the n years of the cycle the data were measured. Subcycle is 0 for a periodic inventory.
SUBCYCLE_PREVIOUS	N(2)	Previous inventory subcycle number. Identifies the most recent prior subcycle number.
SUBGROUP_CODE	VC(4)	Subgroup the plots within the setting into different conditions within a setting.
SUMMARY_MSN_FLAG	VC(1)	A flag to indicate whether or not the data set for this parent setting is suitable for use in the FSVeg summary process or for use in Most Similar Neighbor processing. Y" = data is suitable Null = data is not suitable or status unknown
SURVEY_UNIT	VC(2)	Forest Inventory and Analysis survey unit identification number. Survey units are usually groups of Counties within each State. This code is used primarily for reporting purposes. For FIA data, Survey Unit Codes and Names are found in Appendix C of Miles, et. al. 2001. The forest inventory and analysis database: database description and users manual version 1.0. Gen. Tech. Rep. NC-218 St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Research Station, 130 p.

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>TOPOGRAPHIC_POSITION</td><td>VC(2)</td><td>PNW Regional variable. The topographic position for each subplot.

<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>0</td><td>Other – described in remarks</td><td>PNW</td></tr>
<tr><td>1</td><td>Ridge top or mountain peak over 130 feet</td><td>PNW</td></tr>
<tr><td>2</td><td>Narrow ridge top or peak less than 130 feet wide</td><td>PNW</td></tr>
<tr><td>3</td><td>Sidehill -- upper 1/3</td><td>PNW</td></tr>
<tr><td>4</td><td>Sidehill -- middle 1/3</td><td>PNW</td></tr>
<tr><td>5</td><td>Sidehill -- lower 1/3</td><td>PNW</td></tr>
<tr><td>6</td><td>Canyon bottom less than 660 feet wide</td><td>PNW</td></tr>
<tr><td>7</td><td>Bench, terrace or dry flat</td><td>PNW</td></tr>
<tr><td>8</td><td>Broad alluvial flat over 660 feet wide</td><td>PNW</td></tr>
<tr><td>9</td><td>Swamp or wet flat</td><td>PNW</td></tr>
</table>
</td></tr>
<tr><td>TRANSECT_AZIMUTH</td><td>N(3)</td><td>The azimuth direction of the transect</td></tr>
<tr><td>UTM_DATUM</td><td>V(10)</td><td>Method of determination for recording UTM coordinates. FIA plots use the NAD83 datum.</td></tr>
<tr><td>UTM_EASTING</td><td>VC(6)</td><td>Easting, for the southwest corner of the UTM grid cell encompassing the setting. Stored in meters.</td></tr>
<tr><td>UTM_ERROR</td><td>N(5)</td><td>Stored in feet (+/-).</td></tr>
<tr><td>UTM_NORTHING</td><td>VC(7)</td><td>Northing, for the southwest corner of the UTM grid cell encompassing the setting. Stored in meters.</td></tr>
<tr><td>UTM_ZONE</td><td>N(2)</td><td>UTM zone</td></tr>
<tr><td>UTM_ZONE_DESIGNATOR</td><td>VC(1)</td><td>For FIA data, to designate which UTM zone is being used.</td></tr>
<tr><td>YEAR_SETTING_ID_CHANGED</td><td>N(4)</td><td>Calendar year the setting ID changed from the previous setting ID to the current setting ID. Must be greater than 1799.</td></tr>
</table>

NRV_SAMPLE_DESIGN_GROUPS

Supports the interface default sample design option.

Name	Size	Description
MASTER_FLAG ***Required***	VC(1)	Flag to identify a template as a master or personal template. A "Y" indicates a master template; a NULL indicates a personal template.
TEMPLATE_NAME ***Required***	VC(20)	Name of the sample design template.
USER_OPS_ACCT ***Required***	VC(30)	The OPS$ account number of the user who created the template.
VPDUNIT_ID ***Required***	VC(10)	The VPD unit of the user who created the template, used for filtering in Oracle forms.

NRV_SAMPLE_DESIGN_SUBGROUPS

Supports the interface sample design default option.

Name	Size	Description
MASTER_FLAG ***Required***	VC(1)	Flag to identify a template as a mastere or personal template. A "Y" indicates a master template; a NULL indicates a personal template.
SD_SUBGRP_CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
TEMPLATE_NAME ***Required***	VC(20)	Name of the sample design template.
USER_OPS_ACCT ***Required***	VC(30)	The OPS$ account number of the user who created the template.
COUNT_DESCRIPTION	VC(30)	Description of the sample design template the record and how it is used. Example: PLOTS PER STAND SUBPLOTS PER PLOT
DESIGN_COUNT	N(2)	The number of times a sample design is defined within a setting.
LENGTH	N(6,3)	Measure of the extent along the greatest dimension of a rectangular or square plot. Stored in feet.
PRIORITY	N(3)	Used by the NIMSLOAD program to determine a sample design priority within a setting.
PURPOSE_CODE	VC(4)	The reason for the survey. This column is constrained by the codes in the Nrv_exam_purpose_codes
REMARKS	VC(255)	Remarks relevant to the sample design.
SAMPLE_DESIGN_TYPE	VC(6)	Type of sample design used, defined by the sampling protocol being used.
SAMPLE_EXPANSION_FACTOR	N(9,4)	The expansion factor corresponds to the Selection_method_type name. It is used to convert tree or piece data to a per-unit-area basis (acres). The expansion factor is dependent on the selection method selected. Selection Method — Expansion Factor FRQ — inverse of the fixed are plot BAF — basal area factor of variable radius plot DBH — horizontal line factor TRN — length of fixed transect line VTR — length of variable transect line HSQ — vertical point factor used HTS — vertical line factor used
SAMPLE_RULE_NO	VC(3)	Unique number to label the different rules within a sample design.

NRV_SAMPLE_DESIGN_SUBGROUPS (cont.)

Name	Size	Description
SELECTION_METHOD_TYPE	VC(3)	Method by which trees, shrubs, grasses or debris were selected. Code / Description / Use: FRQ – Frequency for fixed area plots or linear strip plots – CSE BAF – Basal area factor for a variable radius plot – CSE TRN – Fixed-length transect – CSE DBH – Horizontal line sample. VTR – Variable-length transect HSQ – Vertical point sample HTS – Vertical line sample MIC – Microplot (Daubenmire range plots) MAC – Macroplot (Daubenmire range plots)
TRANSECT_AZIMUTH	N(4)	Azimuth used to establish the transect
WIDTH	N(6,3)	The measurement of the extent from side to side of a rectangular or square plot. Stored in feet.

NRV_SELCRIT_SUBGROUPS

Supports the interface default sample design option.

Name	Size	Description
SD_SUBGRP_CN ***Required***	VC(34)	Foreign key to Nrv_sample_designs_subgroups
SELCRIT_CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
PRIORITY	N(3)	Used by the NIMSLOAD program to determine a selection criteria's priority within a sample design.
SELECTION_CRITERIA_NO ***Required***	N(3)	Unique number to label different selection criteria within a sample design.
SUBPOP	VC(3)	Characteristic of the subpopulation: Code / Description / Use: DBH – Diameter at breast height – CSE DRC – Diameter at root collar – CSE HGT – Height – CSE CVR – Percent of vegetation cover – CSE SVC – Percent of ground surface cover – CSE LGT – Length – CSE DIA – Diameter at midpoint or intersection – CSE DMG – Tree damage category – CSE SPP – Species – CSE STS – Tree class

NRV_SELCRIT_SUBGROUPS (cont.)

Name	Size	Description
SUBPOP_CODE_VALUE	VC(8)	Subpopulation characteristic code. If the Subpop value is DMG; enter a disturbance agent code If the Subpop value is SPP; enter a species symbol If the Subpop value is STS; enter one of the following: LIVE, DEAD, STUMPS, CLUMPS, DOWN, or ALL
SUBPOP_MAX_VALUE	N(6,2)	Maximum value for the subpopulation characteristic. If the Subpop value is DBH, DIA, DRC, LGT, or HGT; enter the maximum DBH, DIA, or DRC, in inches, LGT and HGT are stored in feet
SUBPOP_MIN_VALUE ***Required***	N(6,2)	Minimum value for the subpopulation characteristic. If the Subpop value is DBH, DIA, DRC, LGT, or HGT; enter the minimum value
TALLY_FLAG	VC(1)	Flag to determine if the subpopulation data was collected with a tally count (i.e., diameter and height were not recorded, but species and tree count were) Y = Data was collected via a tally method.

NRV_SETTING_ID

Supports the interface reports by storing one or more setting IDs.

Name	Size	Description
MEASUREMENT_NO	VC(4)	Sequential number to identify the measurement sequence of a re-measured setting or plot.
SETTING_ID	VC(30)	Uniquely identifies the setting where the data are collected. This field may contain the following information: - For stand exams - Region, Forest, District, location, and stand number. - For FIA grid inventories - cycle, State, survey unit, County, and plot number.
SUMMARY_NO	VC(10)	The summary table number.
USER_OPS_ACCT	VC(30)	The OPS$ account number of the user running the report.

NRV_SPECIES_DEFAULTS

Stores locally defined information to calculate species-specific volumes. For R9, “BF”=”saw BF”, “CF”=”pulp CF”, “MCF”=”saw CF”.

Name	Size	Description
SPECIES ***Required***	VC(8)	Scientific abbreviation of the tree species. This field is part of the primary key.
USER_ID ***Required***	VC(10)	User specific identifier. The default identifier is RxxFyy, where xx is the Region number and yy is the Forest number. This field is part of the primary key.

NRV_SPECIES_DEFAULTS (cont.)

Name	Size	Description
CREATED_BY ***Required***	VC(30)	The name of the person who created the record.
CREATED_DATE ***Required***	DATE	The date the record was created.
CREATED_IN_INSTANCE ***Required***	N(6)	The database ID where the record was created.
BARK_COEF1	NUMBER	First bark thickness coefficient.
BARK_COEF2	NUMBER	Second bark thickness coefficient.
BARK_EQ	VC(10)	Bark thickness equation.
BARK_SP	VC(8)	Scientific abbreviation of tree species, used to substitute a different species in the bark thickness equation
BF_MIN_DBH	N(5,1)	Minimum DBH a tree must have to be included in the board foot volume calculations
BF_TAPER_EQ	VC(10)	Board foot volume taper equation. Foreign key to Nrv_taper_ref.taper_eq
BF_TAPER_GEOSUB	VC(3)	Geographic sub-region used in some board foot volume taper equations.
BF_TAPER_SEG_LEN	N(3,1)	Used to segment the tree into predefined lengths to calculate the board foot volume. The diameter and volume of each segment is computed. The default is a four-foot segment length.
BF_TAPER_SP	VC(8)	Scientific abbreviation of tree species, used to substitute a different species in the board foot taper equation
BF_VOL_COEF1	NUMBER	First set of board foot volume adjustment coefficients.
BF_VOL_COEF2	NUMBER	Second set of board foot volume adjustment coefficients.
BF_VOL_DEFECT	VC(8)	Board foot volume defect percent used to determine net volume. This value is in addition to any defect recorded on each tree.
BF_VOL_EQ	VC(10)	Board foot volume equation number. Foreign key to Nrv_volume_ref.volume_eq
BF_VOL_EVOD	N(1)	Flag to indicate if the board foot volume allows even or odd lengths 1 = even and odd lengths are allowed 2 = only even lengths are allowed
BF_VOL_GEOSUB	VC(3)	Geographic sub-region used in some board foot volume equations.
BF_VOL_LOG_LEN	N(3,1)	Length of the board foot volume logs. Typical lengths are 16 and 32 feet.
BF_VOL_MAX_LEN	N(3,1)	Board foot volume maximum segment length.
BF_VOL_MIN_LEN	N(3,1)	Board foot volume minimum segment length.
BF_VOL_SEG_RULE	N(2)	Board foot volume segmentation rule obtained from the FMSC National Cruise equation set.
BF_VOL_SP	VC(8)	Scientific abbreviation of the tree species. This code is used to substitute a different species in the board foot volume equation defined in the previous column
BF_VOL_STUMP	N(3,1)	Board foot volume stump height.
BF_VOL_TM_EQ	VC(10)	Board foot volume equation number obtained from the FMSC National Cruise equation set.
BF_VOL_TOP_P	N(3,1)	Board foot volume primary product top diameter.
BF_VOL_TOP_S	N(3,1)	Board foot volume secondary product top diameter.

NRV_SPECIES_DEFAULTS (cont.)

Name	Size	Description
BF_VOL_TRIM	N(4,2)	Board foot volume trim-width.
BIOMASS_EQ	VC(10)	Tree biomass volume equation number. Foreign key to Nrv_volume_ref.volume_eq
CF_MIN_DBH	N(5,1)	Minimum DBH a tree must have to be included in the cubic foot volume calculations
CF_TAPER_EQ	VC(10)	Cubic foot volume taper equation used. Foreign key to Nrv_taper_ref.taper_eq
CF_TAPER_GEOSUB	VC(3)	Geographic sub-region used in some cubic foot volume equations
CF_TAPER_SEG_LEN	N(3,1)	Cubic foot volume segment length. Used to segment the tree into predefined lengths. The diameter and volume for each segment is computed. The default is four-foot segment length.
CF_TAPER_SP	VC(8)	Scientific abbreviation of the tree species. This code is used to substitute a different species in the cubic foot taper equation defined in the previous column
CF_VOL_COEF1	NUMBER	First set of cubic foot volume adjustment coefficients.
CF_VOL_COEF2	NUMBER	Second set of cubic foot volume adjustment coefficients.
CF_VOL_DEFECT	VC(8)	Cubic foot volume defect percent used to determine net volume. This value is in addition to any defect recorded on each tree.
CF_VOL_EQ	VC(10)	Cubic foot volume equation number. Foreign key to Nrv_volume_ref.volume_eq
CF_VOL_EVOD	N(1)	Cubic foot volume even or odd length flag. **Code** / **Description** / **Use** 1 — Even and odd lengths are allowed 2 — Only even lengths are allowed
CF_VOL_GEOSUB	VC(3)	Geographic sub-region used in some cubic foot volume equations
CF_VOL_LOG_LEN	N(3,1)	Cubic foot volume log lengths. Typical lengths are 16 and 32 feet.
CF_VOL_MAX_LEN	N(3,1)	Cubic foot volume maximum segment length.
CF_VOL_MIN_LEN	N(3,1)	Cubic foot volume minimum segment length
CF_VOL_SEG_RULE	N(2)	Cubic foot volume segmentation rule obtained from the FMSC National Cruise equation set.
CF_VOL_SP	VC(8)	Scientific abbreviation of the tree species. This code is used to substitute a different species in the cubic foot volume equation defined in the previous column
CF_VOL_STUMP	N(3,1)	Cubic foot volume stump height.
CF_VOL_TM_EQ	VC(10)	Cubic foot volume equation number obtained from the FMSC National Cruise equation set.
CF_VOL_TOP_P	N(3,1)	Cubic foot volume primary product top diameter.
CF_VOL_TOP_S	N(3,1)	Cubic foot volume secondary product top diameter.
CF_VOL_TRIM	N(4,2)	Cubic foot volume trim-width.
CORD_VOL_EQ	VC(10)	Cord volume equation obtained from the FMSC National Cruise equation set
FORM_COEF1	NUMBER	First user defined form coefficient.
FORM_COEF2	NUMBER	Second user defined form coefficient.

NRV_SPECIES_DEFAULTS (cont.)

Name	Size	Description
FORM_EQ	VC(10)	Tree form equation.
FORM_SP	VC(8)	Tree form substitute species.
HT_COEF1	NUMBER	First user defined height coefficient.
HT_COEF2	NUMBER	Second user defined height coefficient.
HT_COEF3	NUMBER	Third user defined height coefficient.
HT_EQ	VC(10)	Height equation.
HT_REGRESS	VC(10)	Setting level alias used to perform height regressions or calibration. To regress on the stand level, enter 'STAND' or plot level enter 'PLOT'.
HT_SP	VC(8)	Height equation substitute species.
MCF_MIN_DBH	N(5,1)	Merchantable board foot volume minimum tree diameter. Any tree with a DBH below this limit will not be included in the calculations.
MCF_TAPER_EQ	VC(10)	Merchantable board foot volume taper equation used. Foreign key to Nrv_taper_ref.taper_eq.
MCF_TAPER_GEOSUB	VC(3)	Merchantable board foot volume geographic sub-region used in some taper equations.
MCF_TAPER_SEG_LEN	N(3,1)	Merchantable board foot volume segment length. Used to segment the tree into predefined lengths. The diameter and volume for each segment is computed. The default is four-foot segment length.
MCF_TAPER_SP	VC(8)	Scientific abbreviation of the tree species. This code is used to substitute a different species in the merchantable board foot taper equation defined in the previous column
MCF_VOL_COEF1	NUMBER	First set of merchantable board foot volume adjustment coefficients.
MCF_VOL_COEF2	NUMBER	Second set of merchantable board foot volume adjustment coefficients
MCF_VOL_DEFECT	VC(8)	Merchantable board foot volume defect percent used to determine net volume. This value is in addition to any defect recorded on each tree.
MCF_VOL_EQ	VC(10)	Merchantable board foot volume equation number. Foreign key to Nrv_volume_ref.volue_eq
MCF_VOL_EVOD	N(1)	Merchantable board foot volume even or odd length flag. Code / Description / Use 1 — Even and odd lengths are allowed 2 — Only even lengths are allowed
MCF_VOL_GEOSUB	VC(3)	Merchantable board foot volume geographic sub-region used in some volume equations.
MCF_VOL_LOG_LEN	N(3,1)	Merchantable board foot volume log lengths. Typical lengths are 16 and 32 feet.
MCF_VOL_MAX_LEN	N(3,1)	Merchantable board foot volume maximum segment length.
MCF_VOL_MIN_LEN	N(3,1)	Merchantable board foot volume minimum segment length.
MCF_VOL_SEG_RULE	N(2)	Merchantable board foot volume segmentation rule obtained from the FMSC National Cruise equation set.

NRV_SPECIES_DEFAULTS (cont.)

Name	Size	Description
MCF_VOL_SP	VC(8)	Scientific abbreviation of the tree species. This code is used to substitute a different species in the merchantable board foot volume equation defined in the previous.
MCF_VOL_STUMP	N(3,1)	Merchantable board foot volume stump height.
MCF_VOL_TM_EQ	VC(10)	Merchantable board foot volume equation number obtained from the FMSC National Cruise equation set.
MCF_VOL_TOP_P	N(3,1)	Merchantable board foot volume primary product top diameter.
MCF_VOL_TOP_S	N(3,1)	Merchantable board foot volume secondary product top diameter.
MCF_VOL_TRIM	N(4,2)	Merchantable board foot volume trim width.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_INSTANCE	N(6)	The database ID where the record was modified.
SI_CURVE	VC(3)	Site index equation number. Foreign key to Nrv_site_index_ref_codes.reference_no
SI_SPECIES	VC(8)	Scientific abbreviation of the tree species. This code is used to substitute a different species in the site index curve defined in the previous field.
SPECIES_NUM	N(5)	FIA species number. This value is not required for Forest Service use.
UNIQUE_SP_NUM	N(9)	System generated unique species number. This value is not currently being used.
YRS_TO_BH	N(2)	The average number of years required for a tree to reach a height of 4.5 feet. This value is used to convert between site tree measurements recording total age and site index equations based on breast height age.

NRV_SPECIES_GROUPS

Parent table that is related to a particular report or view.

Name	Size	Description
GROUP_NAME ***Required***	VC(24)	Name of the species group
USER_OPS_ACCT ***Required***	VC(30)	The OPS$ account number of the user who created the group.
GROUP_DESC	VC(255)	Description of the species group

NRV_SPECIES_GROUPS_MASTER

Contains information about the species groups templates.

Name	Size	Description
GROUP_NAME ***Required***	VC(24)	Name of the species group
USER_OPS_ACCT ***Required***	VC(30)	The OPS$ account number of the user who created the group.
GROUP_DESC	VC(255)	Description of the species group

NRV_SPECIES_SUBGROUPS

This table stores species values used to run forms and reports.

Name	Size	Description
GROUP_NAME ***Required***	VC(24)	Name of the species group
SYMBOL ***Required***	VC(8)	Scientific abbreviation of the tree species.
USER_OPS_ACCT ***Required***	VC(30)	The OPS$ account number of the user who created the group.

NRV_SPECIES_SUBGROUPS_MASTER

Stores master species configurations, which are not editable by most users.

Name	Size	Description
GROUP_NAME ***Required***	VC(24)	Name of the species group
SYMBOL ***Required***	VC(8)	Scientific abbreviation of the tree species.
USER_OPS_ACCT ***Required***	VC(30)	Contains the OPS$ account number of the user who created the group.

NRV_STID_SUMMARY_BASE_TEMP

This table contains columns describing summary and reporting data used to improve performance when generating reports and summaries.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number to uniquely identify a row of data in this table.
AGE	N(4)	Tree age at time of measurement. Stored in years.

NRV_STID_SUMMARY_BASE_TEMP (cont.)

Name	Size	Description
ANNUAL_HT_GROWTH	NUMBER	Increase in height over a specified time period. Stored in feet.
ANNUAL_RADIAL_GROWTH	NUMBER	Periodic change, in 20ths of an inch, in the bole radius over a year.
BOARD_VOLUME	NUMBER	Merchantable board foot volume per acre (for R9, the sawtimber board foot volume).
CR	N(3)	Amount of the tree bole supporting green, live, healthy foliage when compared to the total length or height. For compacted crown ratios, openings in the crown or lopsided crowns are visually adjusted by visually transferring lower branches to fill in the holes. Crowns are not compacted to form unnaturally dense crowns. Stored in percent.
CUBIC_VOLUME	NUMBER	Cubic foot volume per acre (for R9, the pulp cubic foot volume).
DBH	NUMBER	Quadratic mean diameter, in inches, at breast height, or the diameter, in inches, of the tree at breast height, of average basal area.
DIAMETER	N(7,4)	The average or quadratic mean diameter, in inches.
DRC	NUMBER	Quadratic mean diameter, in inches, at root collar, or the diameter, in inches, of the tree at breast height, of average basal area.
FIRST_TREATMENT_OPTION	VC(2)	Silvicultural treatment option. Valid codes are 1-9.
HEIGHT	N(7,4)	Total span of a plant from ground level along bole to tip of tree (tree length, bole length). Stored in feet.
LIVE_DEAD	VC(1)	Indicates whether a tree is alive or dead. Code / Description / Use L — Live tree D — Dead tree
MERCH_CUBIC_VOLUME	NUMBER	Merchantable cubic foot volume per acre.
OFF_PLOT_FLAG	VC(1)	Flag to indicate if a tree is located off a plot. Trees located off the plot are not statistically related to those located on the plot. Y = Yes, the tree is located off the plot.
PLOT	VC(4)	Plot number
PLOT_BA_EQ	N(8,4)	**Computed.** The basal area per acre, at the plot level, this tree represents.
PLOT_CN	VC(34)	CN for the plot record
PLOT_TPA_EQ	N(10,5)	**Computed**. The number of trees per acre, at the plot level, this tree represents.
PROJECT_NAME	VC(25)	Summary project name.
RECENT_MORTALITY_FLAG	VC(1)	Flag to indicate if a tree has died "recently," or within the time frame specified in the recent_mortality_years field. Y = Yes, the tree has died within the specified time frame.

NRV_RSETS_SETTING_MEASUREMENTS (cont.)

Name	Size	Description
RECENT_MORTALITY_FLAG	VC(1)	Flag to indicate if a tree has died "recently," or within the time frame specified in the recent_mortality_years field. Y = Yes, the tree has died within the specified time frame.
SECOND_TREATMENT_OPTION	VC(2)	Possible silvicultural treatment option. Valid codes are 1-9.
SETTING_ID	VC(30)	Uniquely identifies the setting where the data are collected. This field may contain the following information: For stand exams - Region, Forest, District, Location, and Stand Number. For FIA data - State//Cycle//Subcycle//Survey_unit//County//Plot (State(2)//Cycle(2)//Subcycle(2)//Survey Unit(2)/County(3)//Plot(5)
SPECIES	VC(8)	Scientific abbreviation of the tree species.
STAND_BA_EQ	NUMBER	**Computed.** The basal area per acre, at the stand level, this tree represents.
STAND_TPA_EQ	NUMBER	**Computed.** The number of trees per acre, at the stand level, this tree represents.
TREE_CLASS	VC(2)	The class of an individual tree
USER_OPS_ACCT	VC(30)	OPS$ account number of the user who created the summary.

NRV_SUBGROUPS

Stores values used to run forms and reports.

Name	Size	Description
SUBGROUP_NAME ***Required***	VC(30)	Name used to uniquely identify data stored in this table. It usually corresponds to a data entry field within a form.
TEMPLATE_NAME ***Required***	VC(24)	Name of the subgroup template. This usually corresponds to a particular form, report, view, or summary table.
USER_OPS_ACCT ***Required***	VC(30)	OPS$ account number of the user who created the template.
SUBGROUP_DESC	VC(255)	Description of the subgroup template.
SUBGROUP_FORMULA	VC(2000)	The data stored in the subgroups table. This can be a single value or a formula. Generally, this is data needed to configure a report, view, or summary table.

NRV_SUBGROUPS_MASTER

Stores master configurations, which are not editable by most users.

Name	Size	Description
SUBGROUP_NAME ***Required***	VC(30)	Name of the subgroup. Name used to uniquely identify data stored in this table. It usually corresponds to a data entry field within a form.
TEMPLATE_NAME ***Required***	VC(20)	Name of the subgroup template. This usually corresponds to a particular form, report, view, or summary table.
USER_OPS_ACCT ***Required***	VC(30)	OPS$ account number of the user who created the record.
LOCKED_FOR_SPATIAL	VC(1)	Used to prevent the deletion of master template subgroup records used for FSVeg Spatial
RESERVED_FLAG	VC(1)	Flag to indicate if the summary will automatically create a subgroup (and the necessary associated WHERE clauses) for each cover record.
SUBGROUP_DESC	VC(255)	Description of the subgroup template.
SUBGROUP_FORMULA	VC(2000)	The data stored in the subgroups table. This can be a single value or a formula. Generally, this is data needed to configure a report, view, or summary table.
VEGETATION_TYPE	VC(1)	Flag to indicate if a record is a tree or cover record. Valid values: tree record = NULL or 'T' cover record = 'C'

NRV_SUBGROUPS_TEMP

Stores minimum and maximum values for a query.

Name	Size	Description
MAXIMUM	NUMBER	Maximum value of the query.
MINIMUM	NUMBER	Minimum value of the query.
USER_OPS_ACCT	VC(30)	The OPS$ account number of the user who is running the report.

NRV_SUMM_CN_TEMP

Used by the summary application to temporarily store CNs or control numbers of included records.

Name	Size	Description
CN	VC(34)	A system generated sequence number that uniquely identifies each row of data in this table.
COVERAGE_NAME	VC(30)	Nrv_controls.coverage_name
DATA_METHOD	VC(30)	Nrv_controls.data_method

NRV_SUMM_CN_TEMP (cont.)

Name	Size	Description
DATA_SOURCE	VC(30)	Nrv_controls.data_source
GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id
SUMMARY_NO	VC(10)	Nrv_controls.summary_no
USER_OPS_ACCT	VC(30)	The OPS$ account number of the user who created the group.

NRV_SUMM_COVER_TEMP

Temporarily holds cover information during summary processing. In the descriptions below, *view* is used to denote Nrv_stand_plot_cover_vm or Nrv_cluster_plot_cover_vm, depending on if the record comes from cluster or stand data.

Name	Size	Description
COVER_AGE	N(4)	*view*.cover_age
COVER_AGE_METHOD	VC(2)	*view*.cover_age_method
COVER_CN	VC(34)	*view*.cover_cn
COVER_DIAMETER	N(6,3)	*view*.cover_diameter
COVER_DRY_WT	N(8,4)	*view*.cover_dry_wt
COVER_DRY_WT_FACTOR	N(5,4)	*view*.cover_dry_wt_factor
COVER_FORAGE_CLASS	VC(4)	*view*.cover_forage_class
COVER_FORAGE_PERCENT	N(4)	*view*.cover_forage_percent
COVER_GREEN_WT	N(6,2)	*view*.cover_green_wt
COVER_GROWTH_FORM	VC(2)	*view*.cover_growth_form
COVER_HEIGHT	N(7,4)	*view*.cover_height
COVER_HEIGHT_MAX	N(7,4)	*view*.cover_height_max
COVER_HEIGHT_MIN	N(7,4)	*view*.cover_height_min
COVER_INDICATOR_SPECIES_FLAG	VC(1)	*view*.cover_indicator_species_flag
COVER_INTERCEPT	N(6,2)	*view*.cover_intercept
COVER_ITEM_COUNT	N(3)	*view*.cover_item_count
COVER_LAYER	VC(3)	*view*.cover_layer
COVER_LAYER_CODE_LOCAL	VC(2)	*view*.cover_layer_code_local
COVER_LIFEFORM	VC(2)	*view*.cover_lifeform
COVER_LIVE_DEAD	VC(1)	*view*.cover_live_dead
COVER_METHOD	VC(2)	*view*.cover_method
COVER_PERCENT	N(4,1)	*view*.cover_percent
COVER_PHENOLOGY_CLASS	VC(2)	*view*.cover_phenology_class
COVER_PRESENCE_FLAG	VC(1)	*view*.cover_presence_flag
COVER_SHRUB_AGE_CLASS	VC(2)	*view*.cover_shrub_age_class
COVER_SHRUB_FORM_CLASS	VC(4)	*view*.cover_shrub_form_class
COVER_SPA_EQUIV	N(10,5)	*view*.cover_spa_equiv
COVER_SPECIES	VC(8)	*view*.cover_species
COVER_SUBGROUP_CODE	VC(4)	*view*.cover_subgroup_code
COVER_SURFACE_CODE	VC(4)	*view*.cover_surface_code
COVER_TAG_ID	VC(5)	*view*.cover_tag_id
COVER_VOUCHER_FLAG	VC(1)	*view*.cover_voucher_flag

NRV_SUMM_COVER_TEMP (cont.)

Name	Size	Description
DATA_TYPE	VC(20)	Indicates if this is a surface cover or vegetation composition record. If cover_surface_code is NULL, then data_type = 'VEGETATION'; else data_type = 'SURFACE'
PLOT_CN	VC(34)	*view*.plot_cn
SELECTION_CRITERIA_NO	VC(3)	Nrv_selection_criteria.selection_criteria_no where Nrv_cover_measurements.selcrit_cn = Nrv_selection_criteria.cn
SETTING_ID	VC(30)	*view*.setting_id
STAND_CN	VC(34)	*view*.stand_cn
USER_OPS_ACCT	VC(30)	Value of USER in Oracle.

NRV_SUMM_STID_BASE_TEMP

Describes summary and reporting data used to improve performance when generating reports and summaries.

Name	Size	Description
CN ***Required***	VC(34)	A system generated sequence number that uniquely identifies each row of data in this table.
AGE	N(4)	Tree age at time of measurement. Stored in years.
ANNUAL_HT_GROWTH	NUMBER	Increase in height over a specified time period. Stored in feet.
ANNUAL_RADIAL_GROWTH	NUMBER	Periodic change, in 20ths of an inch, in the bole radius over year.
BOARD_VOLUME	NUMBER	Merchantable board foot volume per acre (for R9, the sawtimber board foot volume).
CONE_SEROTINY	VC(2)	Percent of the cones that are serotonous.
CR	N(3)	Amount of the tree bole supporting green, live, healthy foliage when compared to the total length or height. For compacted crown ratios, openings in the crown or lopsided crowns are visually adjusted by visually transferring lower branches to fill in the holes. Crowns are not compacted to form unnaturally dense crowns. Stored in percent.
CROWN_BASE_HEIGHT	N(6,3)	Vertical distance from the ground to the base of the live crown (Curtis 1983). Sometimes called height to crown. Stored in feet.

NRV_SUMM_STID_BASE_TEMP (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>CROWN_CLASS</td><td>VC(2)</td><td>Relative position of the tree with respect to other trees or competing vegetation. Crown class for each tree is judged in the context of its immediate environment; that is, those trees which are competing for sunlight with the subject tree. This is a useful descriptor of the competitive status of trees in all structural types of stands, although crown classes were originally conceived to classify trees in even-aged or storied stands.
<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>OP</td><td>Open grown, crown receives optimal sunlight above and sides.</td><td>CSE</td></tr>
<tr><td>DO</td><td>Dominant, full sunlight from above and partly from sides.</td><td>CSE</td></tr>
<tr><td>CO</td><td>Codominant, full sunlight from above, but little from sides.</td><td>CSE</td></tr>
<tr><td>IN</td><td>Intermediate, sunlight only from holes in canopy</td><td>CSE</td></tr>
<tr><td>OV</td><td>Overtopped</td><td>CSE</td></tr>
<tr><td>RE</td><td>Remnant</td><td>CSE</td></tr>
<tr><td>AB</td><td>Leader above brush</td><td>CSE</td></tr>
<tr><td>IB</td><td>Leader within brush</td><td>CSE</td></tr>
<tr><td>UB</td><td>Leader overtopped by brush</td><td>CSE</td></tr>
<tr><td>SU</td><td>Suppressed, no sunlight, below canopy in even-aged stands.</td><td></td></tr>
<tr><td>UN</td><td>Understory</td><td></td></tr>
</table></td></tr>
<tr><td>CUBIC_VOLUME</td><td>NUMBER</td><td>Computed. Cubic foot volume of the whole tree (for R9, the pulp cubic foot volume).</td></tr>
<tr><td>DBH</td><td>NUMBER</td><td>Quadratic mean diameter, in inches, at breast height, or the diameter, in inches, of the tree at breast height, of average basal area.</td></tr>
<tr><td>DIAMETER</td><td>N(7,4)</td><td>The average or quadratic mean diameter, in inches.</td></tr>
<tr><td>DISTURB_AGENT1</td><td>VC(3)</td><td>Disturbance agent 1, constrained by Nrv_disturbance_agents</td></tr>
<tr><td>DISTURB_AGENT2</td><td>VC(3)</td><td>Disturbance agent 2, constrained by Nrv_disturbance_agents</td></tr>
<tr><td>DISTURB_AGENT3</td><td>VC(3)</td><td>Disturbance agent 3, constrained by Nrv_disturbance_agents</td></tr>
<tr><td>DISTURB_AGENT4</td><td>VC(3)</td><td>Disturbance agent 4, constrained by Nrv_disturbance_agents</td></tr>
<tr><td>DISTURB_AGENT5</td><td>VC(3)</td><td>Disturbance agent 5, constrained by Nrv_disturbance_agents</td></tr>
<tr><td>DISTURB_AGENT_SEV1</td><td>VC(3)</td><td>Disturbance severity 1, constrained by Nrv_severity_ratings</td></tr>
<tr><td>DISTURB_AGENT_SEV2</td><td>VC(3)</td><td>Disturbance severity 2, constrained by Nrv_severity_ratings</td></tr>
<tr><td>DISTURB_AGENT_SEV3</td><td>VC(3)</td><td>Disturbance severity 3, constrained by Nrv_severity_ratings</td></tr>
<tr><td>DISTURB_AGENT_SEV4</td><td>VC(3)</td><td>Disturbance severity 4, constrained by Nrv_severity_ratings</td></tr>
</table>

NRV_SUMM_STID_BASE_TEMP (cont.)

Name	Size	Description
DISTURB_AGENT_SEV5	VC(3)	Disturbance severity 5, constrained by Nrv_severity_ratings
DISTURB_CATEGORY1	VC(2)	Disturbance category 1, constrained by Nrv_disturbance_categories
DISTURB_CATEGORY2	VC(2)	Disturbance category 2, constrained by Nrv_disturbance_categories
DISTURB_CATEGORY3	VC(2)	Disturbance category 3, constrained by Nrv_disturbance_categories
DISTURB_CATEGORY4	VC(2)	Disturbance category 4, constrained by Nrv_disturbance_categories
DISTURB_CATEGORY5	VC(2)	Disturbance category 5, constrained by Nrv_disturbance_categories
DISTURB_EFFECT1	VC(3)	Disturbance effect 1, constrained by Nrv_physical_effects
DISTURB_EFFECT2	VC(3)	Disturbance effect 2, constrained by Nrv_physical_effects
DISTURB_EFFECT3	VC(3)	Disturbance effect 3, constrained by Nrv_physical_effects
DISTURB_EFFECT4	VC(3)	Disturbance effect 4, constrained by Nrv_physical_effects
DISTURB_EFFECT5	VC(3)	Disturbance effect 5, constrained by Nrv_physical_effects
DISTURB_EFFECT_SEV1	VC(3)	Disturbance effect severity 1, stored in percent.
DISTURB_EFFECT_SEV2	VC(3)	Disturbance effect severity 2, stored in percent.
DISTURB_EFFECT_SEV3	VC(3)	Disturbance effect severity 3, stored in percent.
DISTURB_EFFECT_SEV4	VC(3)	Disturbance effect severity 4, stored in percent.
DISTURB_EFFECT_SEV5	VC(3)	Disturbance effect severity 5, stored in percent.
DISTURB_TREE_PART1	VC(2)	Tree part affected by disturbance 1, constrained by Nrv_tree_part_codes
DISTURB_TREE_PART2	VC(2)	Tree part affected by disturbance 2, constrained by Nrv_tree_part_codes
DISTURB_TREE_PART3	VC(2)	Tree part affected by disturbance 3, constrained by Nrv_tree_part_codes
DISTURB_TREE_PART4	VC(2)	Tree part affected by disturbance 4, constrained by Nrv_tree_part_codes
DISTURB_TREE_PART5	VC(2)	Tree part affected by disturbance 5, constrained by Nrv_tree_part_codes
DOWN_FLAG	VC(1)	Flag to indicate that a tree is on the ground: Y = yes, the tree is down, not freestanding
DRC	NUMBER	Quadratic mean diameter, in inches, at root collar, or the diameter, in inches, of the tree at breast height, of average basal area.
HEIGHT	N(7,4)	Total span of a plant from ground level along bole to tip of tree (tree length, bole length). Stored in feet.
LIVE_DEAD	VC(1)	Indicates whether a tree is alive or dead. **Code** / **Description** / **Use** L / Live tree / D / Dead tree /

NRV_SUMM_STID_BASE_TEMP (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>LOG_DECAY_CLASS</td><td>VC(2)</td><td>Current condition of a down, dead tree:

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>1</td><td>Bark intact, bole twigs, round, recently fallen "green"</td><td>CSE</td></tr><tr><td>2</td><td>Bark intact, twigs absent, soft texture, round, branches</td><td>CSE</td></tr><tr><td>3</td><td>Trace of bark, twigs gone, round, log near ground, no branches</td><td>CSE</td></tr><tr><td>4</td><td>Bark absent, twigs and branches gone, blocky texture, oval shape</td><td>CSE</td></tr><tr><td>5</td><td>No bark or twigs, soft powdery texture, oval shape</td><td>CSE</td></tr></table></td></tr>
<tr><td>MERCH_CUBIC_VOLUME</td><td>NUMBER</td><td>Merchantable cubic foot volume per acre</td></tr>
<tr><td>OFF_PLOT_FLAG</td><td>VC(1)</td><td>Flag to indicate if a tree is located off a plot. Trees located off the plot are not statistically related to those located on the plot.
Y = Yes, the tree is located off the plot.</td></tr>
<tr><td>PLOT</td><td>VC(4)</td><td>Plot number.</td></tr>
<tr><td>PLOT_BA_EQ</td><td>N(8,4)</td><td>Computed. The basal area per acre, at the plot level, that this tree represents.</td></tr>
<tr><td>PLOT_TPA_EQ</td><td>N(10,5)</td><td>Computed. The number of trees per acre, at the plot level, that this tree represents.</td></tr>
<tr><td>PROJECT_NAME</td><td>VC(25)</td><td>Summary project name.</td></tr>
<tr><td>RECENT_MORTALITY_FLAG</td><td>VC(1)</td><td>Flag to indicate if a tree has died “recently,” or within the time frame specified in the Name Recent_Mortality_Years.
Y = Yes, the tree has died within the specified time frame.</td></tr>
<tr><td>SETTING_ID</td><td>VC(30)</td><td>Uniquely identifies the setting where the data are collected</td></tr>
<tr><td>SNAG_DECAY_CLASS</td><td>VC(2)</td><td>Evaluation of the current condition of a standing dead tree:

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>1</td><td>All limbs, pointed top, 100% bark, intact sapwood, height intact.</td><td>CSE</td></tr><tr><td>2</td><td>Few limbs, top may be broken, some bark and height loss, sapwood decay.</td><td>CSE</td></tr><tr><td>3</td><td>Limb stubs, broken bole, bark and sapwood sloughed, broken top.</td><td>CSE</td></tr><tr><td>4</td><td>Few stubs, bole broken/rotten, 50% bark, sapwood sloughed.</td><td>CSE</td></tr><tr><td>5</td><td>No stubs, broken and rotten bole, 20% bark, sapwood gone, rotten 50%.</td><td>CSE</td></tr></table></td></tr>
<tr><td>SPECIES</td><td>VC(8)</td><td>Scientific abbreviation of the tree species.</td></tr>
</table>

NRV_SUMM_STID_BASE_TEMP (cont.)

Name	Size	Description
STAND_BA_EQ	NUMBER	**Computed.** The basal area per acre, at the stand level, that this tree represents.
STAND_TPA_EQ	NUMBER	**Computed.** The number of trees per acre, at the stand level, that this tree represents.
USER_OPS_ACCT	VC(30)	The OPS$ account number of the user who created the group.

NRV_TAPER_REF

Stores reference information about each volume taper equation and it supports the volume report.

Name	Size	Description
TAPER_EQ ***Required***	VC(10)	Unique identifier for each taper equation.
DESCRIPTION	VC(960)	A brief description of each bark thickness equation and locality of applicability (not currently used).
FUNCTION_NAME	VC(128)	The function name and input parameters used to execute this equation from an SQL query (not currently used).
GEOSUB_LIST	Nrv_geosub_list_type	List of subregions for each taper equation. Mostly used for Flewelling volume equations, which are subdivided into geographic subregions.
LOCALITY	VC(240)	Administrative region and forest for which the equation is applicable.
ON_OFF	VC(3)	Flag to indicate if this equation is available in the species configuration form. Code / Description / Use: ON — Available for use on the form. — All OFF — Not available. — All
REFERENCE	VC(240)	A brief note of the equation source.
REQUIREMENTS	VC(6)	Determines the status of two fields on the species configuration form. Three characters are used; one each for Taper Species and Taper Geosubregion. Valid values are: ▪ O = Optional ▪ N = Not Applicable ▪ R = Required For example, a value of 'ON' indicates that Species is optional and Taper Geosubregion is not used

NRV_TAPER_REF (cont.)

Name	Size	Description
SPECIES	VC(8)	Taper equations are designed for a finite list of species. Within the list, each species has its own set of coefficient values. This field identifies which species' coefficients will be used for the taper equation, and the allowable values (which are simply the NRCS PLANTS code of the species) are contained in the SPECIES_LIST column below. This value does NOT have to match the SPECIES code of the Nrv_species_defaults record to which it is linked. Where it is optional (as defined in the REQUIREMENTS field, above) and left NULL, the designated taper equation will use the value in SPECIES from the associated Nrv_species_defaults record.
SPECIES_LIST	Nrv_species_list_type	List of species that are valid input parameters when executing the function.

NRV_VOLUME_REF

Supports the volume report, and stores reference information about each volume equation.

Name	Size	Description
VOLUME_EQ ***Required***	VC(10)	Unique identifier for each volume equation.
CURRENT_USE	VC(240)	Name to support tracking of local use.
DESCRIPTION	VC(960)	A brief description of each volumeequation and locality of applicability
FUNCTION_NAME	VC(128)	The function name and input parameters used to execute this equation from an SQL query
GEOSUB_LIST	NRV_Geosub_list_type	List of subregions for each equation. Mostly used for Flewelling volume equations, which are subdivided into geographic subregions.
LOCALITY	VC(240)	Administrative region and forest for which the equation is applicable.
ON_OFF	VC(3)	Flag to indicate if this equation is available in the species configuration form. **Code** / **Description** / **Use** ON / Available for use on the form. / All OFF / Not available. / All
REFERENCE	VC(240)	A brief note of the equation source.
REQUIREMENTS	VC(20)	Determines the status of two fields on the species configuration form. Three characters are used; one each for volume species and Geosubregion. Valid values are: ▪ O = Optional ▪ N = Not Applicable ▪ R = Required For example, a value of 'ON' indicates that Species is optional and Geosubregion is not used.

NRV_VOLUME_REF (cont.)

Name	Size	Description
SPECIES	VC(8)	Volume equations are designed for a finite list of species. Within the list, each species has its own set of coefficient values. This field identifies which species' coefficients will be used for the volume equation, and the allowable values (which are simply the NRCS PLANTS code of the species) are contained in the SPECIES_LIST column below. This value does NOT have to match the SPECIES code of the Nrv_species_defaults record to which it is linked. Where it is optional (as defined in the REQUIREMENTS field, above) and left NULL, the designated volume equation will use the value in SPECIES from the associated Nrv_species_defaults record.
SPECIES_LIST	Nrv_species_list_type	List of species that are valid input parameters when executing the function.
TM_EQ	VC(10)	

NRV_VOL_R8_CLARK_COEF

Describes the Clark volume equations used in Region 8.

Name	Size	Description
CALC_TYPE ***Required***	VC(10)	Calculation type (taper or form class) indicating the coefficient set used for volume calculations. TAPIB = volume calculation using inside bark taper coefficients TAPOB = volume calculation using outside bark taper coefficients FCIB = volume calculation using inside bark formclass coefficients FCOB = volume calculation using outside bark form class coefficients

NRV_VOL_R8_CLARK_COEF (cont.)

Name	Size	Description
GEO_SUB ***Required***	VC(2)	Geographic subregion, defined as: **Forest** / **District** / **GEO_SUB Code** 01 / 1,4-7 / 04 01 / 3 / 01 02 / 11-17 / 03 03 / 1,2,4-7 / 03 03 / 8 / 02 04 / 1-6 / 03 05 / 1,2,4- / 01 06 / 1-4,6 / 05 07 / 1,2,4,5 / 05 07 / 6 / 07 07 / 7,17 / 04 08 / 1-6, 11-16 / 03 09 / 1-12 / 06 10 / 1-6 / 06 10 / 7 / 07 11 / 2,4-9,11 / 03 11 / 3 / 01 11 / 10 / 02 12 / 1,3 / 02 12 / 2 / 03 12 / 5 / 01 13 / 1,2,4,7 / 05 36 / 1 / 01 South-wide / 09
SPECIES ***Required***	VC(8)	NRCS PLANTS code for the tree species.
COEF1	NUMBER	1st coefficient in the Clark equation
COEF2	NUMBER	2nd coefficient in the Clark equation
COEF3	NUMBER	3rd coefficient in the Clark equation
COEF4	NUMBER	4th coefficient in the Clark equation
COEF5	NUMBER	5th coefficient in the Clark equation
COEF6	NUMBER	6th coefficient in the Clark equation
FIA_SPECIES_CODE	VC(3)	FIA species code (for documentation purposes only; not used in the computations).

NRV_VOL_R8_DIRECT_COEF

Describes the general volume equations used in Region 8.

Name	Size	Description
CALC_TYPE ***Required***	VC(10)	Calculation type (product class) identifier; determines the coefficient set used for volume calculations. Allowable values are: BF = Board foot volume calcluation. MC_SAW = Merchantable cubic foot sawtimber volume calculation. MC_PULP = Merchantable cubic foot pulp volume calculation. SC_PROD = Gross cubic foot secondary product volume calculation
GEO_SUB ***Required***	VC(2)	Geographic subregion, defined as: **Forest** / **District** / **GEO_SUB Code** 01 / 1,4-7 / 04 01 / 3 / 01 02 / 11-17 / 03 03 / 1,2,4-7 / 03 03 / 8 / 02 04 / 1-6 / 03 05 / 1,2,4-6 / 01 06 / 1-4,6 / 05 07 / 1,2,4,5 / 05 07 / 6 / 07 07 / 7,17 / 04 08 / 1-6, 11-16 / 03 09 / 1-12 / 06 10 / 1-6 / 06 10 / 7 / 07 11 / 2,4-9,11 / 03 11 / 3 / 01 11 / 10 / 02 12 / 1,3 / 02 12 / 2 / 03 12 / 5 / 01 13 / 1,2,4,7 / 05 36 / 1 / 01 South-wide / 09
SPECIES ***Required***	VC(8)	NRCS PLANTS code for the tree species.
COEF1	NUMBER	1st coefficient in the direct volume equation.
COEF2	NUMBER	2nd coefficient in the direct volume equation.
COEF3	NUMBER	3rd coefficient in the direct volume equation.
COEF4	NUMBER	4th coefficient in the direct volume equation.
COEF5	NUMBER	5th coefficient in the direct volume equation.
COEF6	NUMBER	6th coefficient in the direct volume equation.

NRV_VOL_R8_DIRECT_COEF (cont.)

Name	Size	Description
COEF7	NUMBER	7th coefficient in the direct volume equation.
COEF8	NUMBER	8th coefficient in the direct volume equation.
COEF9	NUMBER	9th coefficient in the direct volume equation.
FIA_SPECIES_CODE	VC(3)	FIA species code (for documentation purposes only; not used in the computations).
MODEL_TYPE	VC(2)	Model number for the direct volume equation. Allowable values are 1, 2, 3, 5, 6, 7, and 9.

NRV_WITNESS_TYPES

Reference table containing possible witness types for reference points.

Name	Size	Description
WITNESS_TYPE ***Required***	VC(2)	Type of object used as the witness reference point.
DESCRIPTION ***Required***	VC(255)	Description of the witness type.
ON_OFF ***Required***	VC(3)	On-Off switch to flag particular records out of the code set.
CREATED_BY ***Required***	VC(30)	Contact who created the witness type.
CREATED_DATE ***Required***	Date	Date the witness type was created.
MODIFIED_BY	VC(30)	Contact who modified the witness type.
MODIFIED_DATE	Date	Date the witness type was modified.