FSVeg

DATA DICTIONARY

SECTION IV: VIEWS

February 2014

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NRV_AGE_CLASS_DISTRIBUTION_VM

Supports the Acres by Age Class Report

Name	Size	Description
FOREST_TYPE	VC(251)	Forest type, used to sum the acres in each age class by each forest type
GRP_1_10	NUMBER	Number of acres in the 1-10 year age class
GRP_11_20	NUMBER	Number of acres in the 11-20 year age class
GRP_21_30	NUMBER	Number of acres in the 21-30 year age class
GRP_31_40	NUMBER	Number of acres in the 31-40 year age class
GRP_41_50	NUMBER	Number of acres in the 41-50 year age class
GRP_51_60	NUMBER	Number of acres in the 51-60 year age class
GRP_61_70	NUMBER	Number of acres in the 61-70 year age class
GRP_71_80	NUMBER	Number of acres in the 71-80 year age class
GRP_81_90	NUMBER	Number of acres in the 81-90 year age class
GRP_91_100	NUMBER	Number of acres in the 91-100 year age class
GRP_101_110	NUMBER	Number of acres in the 101-110 year age class
GRP_111_120	NUMBER	Number of acres in the 111-120 year age class
GRP_121_130	NUMBER	Number of acres in the 121-130 year age class
GRP_131_140	NUMBER	Number of acres in the 131-140 year age class
GRP_141_150	NUMBER	Number of acres in the 141-150 year age class
GRP_151-160	NUMBER	Number of acres in the 151-160 year age class
GRP_161_PLUS	NUMBER	Number of acres in the 161 plus year age class
GRP_NULL_AGE_CLASS	NUMBER	Number of acres that do not have stand age recorded
PCT	NUMBER	Percentage of acres in each age class and each forest type
TOTAL	NUMBER	Total number of acres in each age class and each forest type

NRV_CHAR_AND_GRP_BY_VM

Combines the Nrv_characterizations and Nrv_group_by tables

Name	Size	Description
CHAR_CN ***Required***	VC(34)	Nrv_characterizations.cn
CHAR_CREATED_BY ***Required***	VC(30)	Nrv_characterizations.created_by
CHAR_CREATED_DATE ***Required***	DATE	Nrv_characterizations.created_date
CHAR_CREATED_IN_INSTANCE ***Required***	N(6)	Nrv_characterizations.created_in_instance
CHAR_DATA_METHOD ***Required***	VC(30)	Nrv_characterizations.data_method
CHAR_DATA_SOURCE ***Required***	VC(30)	Nrv_characterizations.data_source
CHAR_SETTING_ID ***Required***	VC(30)	Nrv_characterizations.setting_id
CHAR_SUMMARY_NO ***Required***	VC(10)	Nrv_characterizations.summary_no

NRV_CHAR_AND_GRP_BY_VM (cont.)

Name	Size	Description
GRPBY_CHAR_CN ***Required***	VC(34)	Nrv_group_by.char_cn
GRPBY_CN ***Required***	VC(34)	Nrv_group_by.cn
GRPBY_CREATED_BY ***Required***	VC(30)	Nrv_group_by.created_by
GRPBY_CREATED_DATE ***Required***	DATE	Nrv_group_by.created_date
GRPBY_CREATED_IN_INSTANCE ***Required***	N(6)	Nrv_group_by.created_in_instance
GRPBY_GROUP_1 ***Required***	VC(24)	Nrv_group_by.group_1
GRPBY_SUBGROUP_1 ***Required***	VC(30)	Nrv_group_by.subgroup_1
GRPBY_SUMMARY_NO ***Required***	VC(10)	Nrv_group_by.summary_no
CHAR_AGENCY	VC(4)	Nrv_characterications.agency
CHAR_AGGREGATION_TYPE	VC(1)	Nrv_characterizations.aggregation_types
CHAR_ANN_INCR_MEAN	N(8,4)	Nrv_characterizations.ann_incr_mean
CHAR_ANN_INCR_PER	N(8,4)	Nrv_characterizations.ann_incr_per
CHAR_ANN_INCR_PER_LN	N(3)	Nrv_characterizations.ann_incr_per_ln
CHAR_ASPECT	N(3)	Nrv_characterizations.aspect
CHAR_BASAL_AREA	N(8,4)	Nrv_characterizations.basal_area
CHAR_BASAL_AREA_CV	N(13,4)	Nrv_characterizations.basal_area_cv
CHAR_BASAL_AREA_SD	N(13,4)	Nrv_characterizations.basal_area_sd
CHAR_BASAL_AREA_SE	N(7,4)	Nrv_characterizations.basal_area_se
CHAR_BOUNDARY_SOURCE	VC(30)	Nrv_characterizations.boundary_source
CHAR_CANOPY_BULK_DENSITY	N(3)	Nrv_characterizations.canopy_bulk_density
CHAR_CANOPY_CLOSURE	N(3)	Nrv_characterizations.canopy_closure
CHAR_CANOPY_CLOSURE_CROWNVEG	N(3)	Nrv_characterizations.canopy_closure_crownveg
CHAR_CANOPY_CLOSURE_GRASSES	N(3)	Nrv_characterizations.canopy_closure_grasses
CHAR_CANOPY_CLOSURE_HERBS	N(3)	Nrv_characterizations.canopy_closure_herbs
CHAR_CANOPY_CLOSURE_NON_TREE	N(3)	Nrv_characterizations.canopy_closure_non_tree
CHAR_CANOPY_CLOSURE_SHRUBS	N(3)	Nrv_characterizations.canopy_closure_shrubs
CHAR_CANOPY_CLOSURE_TREES	N(3)	Nrv_characterizations.canopy_closure_trees
CHAR_CANOPY_COVER	N(4,1)	Nrv_characterizations.canopy_cover
CHAR_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_characterizations.capable_grow_area_pct
CHAR_COMPARTMENT_NO	VC(10)	Nrv_characterizations.compartment_no
CHAR_CONDITION_CLASS	VC(15)	Nrv_characterizations.condition_class
CHAR_COUNTY	VC(3)	Nrv_characterizations.county
CHAR_COVER_BARE_SOIL	N(3)	Nrv_characterizations.cover_bare_soil
CHAR_COVER_BARREN	N(3)	Nrv_characterizations.cover_barren
CHAR_COVER_BASAL_VEG	N(3)	Nrv_characterizations.cover_basal_veg
CHAR_COVER_BOULDER	N(3)	Nrv_characterizations.cover_boulder
CHAR_COVER_COBBLE	N(3)	Nrv_characterizations.cover_cobble
CHAR_COVER_DOMINANT	VC(2)	Nrv_characterizations.cover_dominant
CHAR_COVER_GRAVEL	N(3)	Nrv_characterizations.cover_gravel
CHAR_COVER_LITTER	N(3)	Nrv_characterizations.cover_litter
CHAR_COVER_NON_VEG	N(3)	Nrv_characterizations.cover_non_veg

NRV_CHAR_AND_GRP_BY_VM (cont.)

Name	Size	Description
CHAR_COVER_ROCK	N(3)	Nrv_characterizations.cover_rock
CHAR_COVER_STONE	N(3)	Nrv_characterizations.cover_stone
CHAR_COVER_WATER	N(3)	Nrv_characterizations.cover_water
CHAR_CROWN_BASE_HEIGHT	N(3)	Nrv_characterizations.crown_base_height
CHAR_CROWN_CONDITION	VC(1)	Nrv_characterizations.crown_condition
CHAR_CROWN_CONDITION_REF	VC(30)	Nrv_characterizations.crown_condition_ref
CHAR_CROWN_FIRE	VC(2)	Nrv_characterizations.crown_Fire
CHAR_CROWNING_INDEX	N(3)	Nrv.characterizations.crowning_index
CHAR_CUBIC_CULL	N(11,4)	Nrv_characterizations.cubic_cull
CHAR_CURRENT_FLAG	VC(1)	Nrv_characterizations.current_flag
CHAR_DATE_ACCURACY	VC(5)	Nrv_characterizations.char_date_accuracy
CHAR_DBH	N(5,2)	Nrv_characterizations.dbh
CHAR_DBH_BREAKPOINT	N(5,2)	Nrv_characterizations.dbh_breakpoint
CHAR_DBH_TYPE	VC(4)	Nrv_characterizations.dbh_type
CHAR_DENSITY_INDEX	N(7,2)	Nrv_characterizations.index
CHAR_DENSITY_INDEX_REF	VC(30)	Nrv_characterizations.index_ref
CHAR_DENSITY_INDEX_TYPE	VC(30)	Nrv_characterizations.index_type
CHAR_DISTRICT_NO	VC(2)	Nrv_characterizations.district_no
CHAR_DOWN_WOODY	N(10,4)	Nrv_characterizations.down_woody
CHAR_DUFF_LITTER_DEPTH	N(6,3)	Nrv_characterizations.duff_litter_depth
CHAR_ECOREGION_SUBSECTION	VC(7)	Nrv_characterizations.ecoregion
CHAR_ELEVATION	N(6,1)	Nrv_characterizations.elevation
CHAR_ELEVATION_MAX	N(6,1)	Nrv_characterizations.elevation_max
CHAR_ELEVATION_MIN	N(6,1)	Nrv_characterizations.elevation_min
CHAR_EV_CODE	VC(10)	Nrv_characterizations.ev_code
CHAR_EV_REF_CODE	VC(10)	Nrv_characterizations.ev_ref_code
CHAR_FIRE_REGIME	N(1)	Nrv_characterizations.fire_regime
CHAR_FORAGE	N(4)	Nrv_characterizations.forage
CHAR_FOREST_ADMIN	VC(2)	Nrv_characterizations.forest_admin
CHAR_FOREST_PROC	VC(2)	Nrv_characterizations.forest_proc
CHAR_FUEL_DEPTH	N(3,1)	Nrv_characterizations.fuel_depth
CHAR_FUEL_MODEL	VC(3)	Nrv_characterizations.fuel_model
CHAR_FUEL_PHOTO_REFERENCE	VC(10)	Nrv_characterizations.fuel_photo_reference
CHAR_GIS_LINK	VC(26)	Nrv_characterizations.gis_link
CHAR_HAB_STRUCT_STAGE_CODE	VC(50)	Nrv_characterizations.hab_struct_stage_code
CHAR_HAB_STRUCT_STAGE_REF	VC(30	Nrv_characterizations.hab_struct_stage_ref
CHAR_HABITAT_EFFECT_INDEX	VC(1)	Nrv_characterizations.habitat_effect_index
CHAR_HAZ_RATING	VC(1)	Nrv_characterizations.haz_rating
CHAR_HORIZONTAL_CONTINUITY	VC(1)	Nrv_characterizations.horizontal_continuity
CHAR_INVENTORY_STRATIFICATION	VC(10)	Nrv_characterizations.inventory_stratification
CHAR_LANDFORM	VC(2)	Nrv_characterizations.landform
CHAR_LATITUDE_DEG	N(3)	Nrv_characterizations.latitude_deg
CHAR_LATITUDE_MIN	N(2)	Nrv_characterizations.latitude_min
CHAR_LATITUDE_SEC	N(4,2)	Nrv_characterizations.latitude_sec
CHAR_LOADER_VERSION	VC(15)	Nrv_characterizations.loader_version

NRV_CHAR_AND_GRP_BY_VM (cont.)

Name	Size	Description
CHAR_LOCALLY_DEFINED_AT1	VC(30)	Nrv_characterizations.locally_defined_at1
CHAR_LOCALLY_DEFINED_AT2	VC(30)	Nrv_characterizations.locally_defined_at2
CHAR_LOCALLY_DEFINED_AT3	VC(30)	Nrv_characterizations.locally_defined_at3
CHAR_LOCALLY_DEFINED_AT4	VC(30)	Nrv_characterizations.locally_defined_at4
CHAR_LOCALLY_DEFINED_AT5	VC(30)	Nrv_characterizations.locally_defined_at5
CHAR_LOCAL_AT1_DESCRIPTION	VC(80)	Nrv_characterizations.local_at1_description
CHAR_LOCAL_AT2_DESCRIPTION	VC(80)	Nrv_characterizations.local_at2_description
CHAR_LOCAL_AT3_DESCRIPTION	VC(80)	Nrv_characterizations.local_at3_description
CHAR_LOCAL_AT4_DESCRIPTION	VC(80)	Nrv_characterizations.local_at4_description
CHAR_LOCAL_AT5_DESCRIPTION	VC(80)	Nrv_characterizations.local_at5_description
CHAR_LOCATION	VC(16)	Nrv_characterizations.location
CHAR_LONGITUDE_DEG	N(3)	Nrv_characterizations.longitude_deg
CHAR_LONGITUDE_MIN	N(2)	Nrv_characterizations.longitude_min
CHAR_LONGITUDE_SEC	N(4,2)	Nrv_characterizations.longitude_sec
CHAR_MANAGEMENT_PRODUCTIVITY	VC(1)	Nrv_characterizations.management_productivity
CHAR_MANAGEMENT_TYPE_EV_CODE	VC(50)	Nrv_characterzations.management_type_ev_code
CHAR_MANAGEMENT_TYPE_EV_REF	VC(30)	Nrv_characterizations.management_type_ev_ref
CHAR_MANAGEMENT_TYPE_ SIREFCODE	VC(3)	Nrv_characterizations.management_type_sirefcode
CHAR_MANAGEMENT_TYPE_ SISPECIES	VC(8)	Nrv_characterizations.management_type_sispecies
CHAR_MANAGEMENT_TYPE_ SITEINDEX	N(4,1)	Nrv_characterizations.management_type_siteindex
CHAR_MEASUREMENT_DATE	DATE	Nrv_characterizations.measurement_date
CHAR_MERCH_BOARD_GROSS	N(13,4)	Nrv_characterizations.merch_board_gross
CHAR_MERCH_BOARD_GROSS_SD	N(15,4)	Nrv_characterizations.merch_board_gross_sd
CHAR_MERCH_BOARD_GROSS_SE	N(7,4)	Nrv_characterizations.merch_board_gross_se
CHAR_MERCH_BOARD_NET	N(13,4)	Nrv_characterizations.merch_board_net
CHAR_MERCH_BOARD_NET_SD	N(15,4)	Nrv_characterizations.merch_board_net_sd
CHAR_MERCH_BOARD_NET_SE	N(7,4)	Nrv_characterizations.merch_board_net_se
CHAR_MERCH_CUBIC_GROSS	N(13,4)	Nrv_characterizations.cubic_gross
CHAR_MERCH_CUBIC_GROSS_SD	N(13,4)	Nrv_characterizations.cubic_gross_sd
CHAR_MERCH_CUBIC_GROSS_SE	N(7,4)	Nrv_characterizations.cubic_gross_se
CHAR_MERCH_CUBIC_NET	N(13,4)	Nrv_characterizations.merch_board_cubic_net
CHAR_MERCH_CUBIC_NET_SD	N(13,4)	Nrv_characterizations.merch_board_cubic_net_sd
CHAR_MERCH_CUBIC_NET_SE	N(7,4)	Nrv_characterizations.merch_board_cubic_net_se
CHAR_MERIDIAN_CODE	VC(2)	Nrv_characterizations.meridian_code
CHAR_MODIFIED_BY	VC(30)	Nrv_characterizations.modified_by
CHAR_MODIFIED_DATE	DATE	Nrv_characterizations.modified_date
CHAR_MODIFIED_IN_INSTANCE	N(6)	Nrv_characterizations.modified_in_instance
CHAR_NFS_LAND_CLASS	VC(3)	Nrv_characterizations.nfs_land_class
CHAR_PERM_CHAR_CN	VC(34)	Nrv_characterizations.cn
CHAR_PHOTO_ID	VC(20)	Nrv_characterizations.photo_id via setting_measurements.airph_cn
CHAR_POLYGON_COVERAGE_ID	VC(30)	Nrv_characterizations.polygon_cover_id
CHAR_PRODUCTIVITY_CLASS	VC(2)	Nrv_characterizations.productivity_class
CHAR_PROJECT_NAME	VC(25)	Nrv_characterizations.project_name
CHAR_PURPOSE_CODE	VC(4)	Nrv_characterizations.purpose_code

NRV_CHAR_AND_GRP_BY_VM (cont.)

Name	Size	Description
CHAR_PV_CODE	VC(10)	Nrv_characterizations.pv_code
CHAR_PV_REF_CODE	VC(10)	Nrv_characterizations.pv_ref_code
CHAR_RANGE_CONDITION	VC(1)	Nrv_characterizations.range_condition
CHAR_RANGE_TREND	VC(1)	Nrv_characterizations.range_trend
CHAR_REFERENCE_DATE	DATE	Nrv_characterizations.reference_date
CHAR_REFERENCE_DATE_ACCURACY	VC(5)	Nrv_characterizations.reference_date_accuracy
CHAR_REGEN_EV_CODE	VC(10)	Nrv_characterizations.regen_ev_code
CHAR_REGEN_EV_REF_CODE	VC(10)	Nrv_characterizations.regen_ev_ref_code
CHAR_REGION_ADMIN	VC(2)	Nrv_characterizations.region_admin
CHAR_REGION_PROC	VC(2)	Nrv_characterizations.region_proc
CHAR_REMARKS	VC(255)	Nrv_characterizations.remarks
CHAR_RESIDUE_DESC_CODE	VC(10)	Nrv_characterizations.residue_desc_code
CHAR_RIPARIAN_POLYGON	VC(1)	Nrv_characterizations.riparian_polygon
CHAR_SAF_COVER_TYPE	VC(3)	Nrv_characterizations.saf_cover_type
CHAR_SECTION	VC(2)	Nrv_characterizations.section
CHAR_SETMEAS_CN	VC(34)	Nrv_characterizations.setmeas_cn
CHAR_SETTING_ORIGIN	VC(2)	Nrv_characterizations.setting_origin
CHAR_SETTING_SIZE	N(8,4)	Nrv_characterizations.setting_size
CHAR_SITE_INDEX	N(4,1)	Nrv_characterizations.site_index
CHAR_SITE_INDEX_REF	VC(10)	Nrv_characterizations.site_index_ref
CHAR_SITE_INDEX_SPP	VC(8)	Nrv_characterizations.site_index_spp
CHAR_SLOPE	N(3)	Nrv_characterizations.slope
CHAR_SLOPE_POSITION	VC(2)	Nrv_characterizations.slope_position
CHAR_SRM_COVER_TYPE	VC(3)	Nrv_characterizations.srm_cover_type
CHAR_STAND_CONDITION	VC(2)	Nrv_characterizations.stand_condition
CHAR_STAND_CONDITION_REF	VC(30)	Nrv_characterizations.stand_condition_ref
CHAR_STAND_FIA_EV_CALC	VC(10)	Nrv_characterizations.fia_ev_calc
CHAR_STAND_FIA_TOTAL_STOCKING	N(7,4)	Nrv_characterizations.fia_total_stocking
CHAR_STAND_VSS	VC(6)	Nrv_characterizations.stand_vss
CHAR_STATE	VC(2)	Nrv_characterizations.state
CHAR_STATE_PLANE_DATUM	VC(10)	Nrv_characterizations.state_plane_datum
CHAR_STATE_PLANE_X	N(12,3)	Nrv_characterizations.state_plane_x
CHAR_STATE_PLANE_Y	N(12,3)	Nrv_characterizations.state_plane_y
CHAR_STATE_PLANE_ZONE	VC(10)	Nrv_characterizations.state_plane_zone
CHAR_STOCKING_FLAG	VC(1)	Nrv_characterizations.stocking_flag
CHAR_STOCKING_PERCENT	N(3)	Nrv_characterizations.stocking_percent
CHAR_SUBCOMPARTMENT_NO	VC(10)	Nrv_characterizations.subcompartment_no
CHAR_SURVEY_UNIT	VC(2)	Nrv_characterizations.survey_unit
CHAR_TIMBER_SUIT_ RECOMMENDCODE	VC(50)	Nrv_characterizations.timber_suit_recommendcode
CHAR_TIMBER_SUITABILITY_CODE	VC(50)	Nrv_characterizations.timber_suitability_code
CHAR_TIMBER_SUITABILITY_REF	VC(30)	Nrv_characterizations.timber_suitability_ref
CHAR_TORCHING_INDEX	N(3)	Nrv_characterizations.torching_index
CHAR_TOTAL_CUBIC	N(11,4)	Nrv_characterizations.total_cubic
CHAR_TOWNSHIP	VC(5)	Nrv_characterizations.pls_township
CHAR_TPA	N(10,4)	Nrv_characterizations.tpa
CHAR_TPA_CV	N(13,4)	Nrv_characterizations.tpa_cv
CHAR_TPA_SD	N(13,4)	Nrv_characterizations.tpa_sd
CHAR_TPA_SE	N(7,4)	Nrv_characterizations.tpa_se

NRV_CHAR_AND_GRP_BY_VM (cont.)

Name	Size	Description
CHAR_TREE_HEIGHT_AVG	N(13,4)	Nrv_characterizations.tree_height_avg
CHAR_TREE_LAYER_STRUCTURE	VC(2)	Nrv_characterizations.tree_layer_structure
CHAR_TREE_SIZE_CLASS	VC(2)	Nrv_characterizations.tree_size_class
CHAR_USGS_LANDUSE2	VC(2)	Nrv_characterizations.usgs_landuse2
CHAR_UTM_DATUM	VC(10)	Nrv_characterizations.utm_datum
CHAR_UTM_EASTING	N(6)	Nrv_characterizations.utm_easting
CHAR_UTM_NORTHING	N(7)	Nrv_characterizations.utm_northing
CHAR_UTM_ZONE	N(2)	Nrv_characterizations.utm_zone
CHAR_YEAR_OF_ORIGIN	N(4)	Nrv_characterizations.year_of_origin
GRPBY_ANN_INCR_PER	N(8,4)	Nrv_group_by.ann_incr_per
GRPBY_ANN_INCR_PER_LEN	N(3)	Nrv_group_by.ann_incr_per_len
GRPBY_BASAL_AREA	N(8,4)	Nrv_group_by.basal_area
GRPBY_BASAL_AREA_CV	N(13,4)	Nrv_group_by.basal_area_cv
GRPBY_BASAL_AREA_SD	N(13,4)	Nrv_group_by.basal_area_sd
GRPBY_BASAL_AREA_SE	N(7,4)	Nrv_group_by.basal_area_se
GRPBY_CONE_SEROTINY	VC(1)	Nrv_group_by.cone_serotiny
GRPBY_COVER_DATA_TYPE	VC(20)	Nrv_group_by.cover_data_type
GRPBY_COVER_DIAMETER	N(6,3)	Nrv_group_by.cover_diameter
GRPBY_COVER_HEIGHT	N(7,4)	Nrv_group_by.cover_height
GRPBY_COVER_HEIGHT_MAX	N(7,4)	Nrv_group_by.cover_height_max
GRPBY_COVER_HEIGHT_MIN	N((7,4)	Nrv_group_by.cover_height_min
GRPBY_COVER_LAYER	VC(3)	Nrv_group_by.cover_layer
GRPBY_COVER_LAYER_CODE_LOCAL	VC(2)	Nrv_group_by.cover_layer_code_local
GRPBY_COVER_LIFEFORM	VC(2)	Nrv_group_by.cover_lifeform
GRPBY_COVER_SHRUB_AGE_CLASS	VC(2)	Nrv_group_by.cover_shrub_age_class
GRPBY_COVER_SURFACE_CODE	VC(4)	Nrv_group_by.cover_surface_code
GRPBY_CROWN_DIAMETER	N(4,1)	Nrv_group_by.crown_diameter
GRPBY_CROWN_RATIO_COMP	N(3)	Nrv_group_by.crown_ratio_comp
GRPBY_CROWN_RATIO_UNC	N(3)	Nrv_group_by.crown_ratio_unc
GRPBY_DATA_METHOD	VC(30)	Nrv_group_by.data_method
GRPBY_DATA_SOURCE	VC(30)	Nrv_group_by.source_type
GRPBY_DECAY_CLASS	VC(1)	Nrv_group_by.decay_class
GRPBY_DIAMETER	N(7,4)	Nrv_group_by.diameter
GRPBY_DIAMETER_TYPE	VC(4)	Nrv_group_by.diameter_type
GRPBY_DISTRIBUTION_TYPE	VC(1)	Nrv_group_by.distribution_type
GRPBY_DOMINANT_SPECIES	VC(8)	Nrv_group_by.dominant_species
GRPBY_FUEL_WEIGHT	N(7,4)	Nrv_group_by.fuel_weight
GRPBY_GEOGRAPHICAL_AREA	VC(5)	Nrv_group_by.geographical_area
GRPBY_GIS_LINK	VC(26)	Nrv_group_by.gis_link
GRPBY_HEIGHT_GROWTH	N(4,1)	Nrv_group_by.height_growth
GRPBY_HEIGHT_LENGTH_AVG	N(4,1)	Nrv_group_by.height_length_avg
GRPBY_HEIGHT_LENGTH_MAX	N(4,1)	Nrv_group_by.height_length_max
GRPBY_HEIGHT_LENGTH_MIN	N(4,1)	Nrv_group_by.height_length_min
GRPBY_LANDFORM	VC(2)	Nrv_group_by.landform
GRPBY_LAYER_HT_MAX	N(3)	Nrv_group_by.layer_ht_max
GRPBY_LAYER_HT_MIN	N(3)	Nrv_group_by.layer_ht_min
GRPBY_LOCALLY_DEFINED_AT6	VC(30)	Nrv_group_by.locally_defined_at6
GRPBY_LOCALLY_DEFINED_AT7	VC(30)	Nrv_group_by.locally_defined_at7

NRV_CHAR_AND_GRP_BY_VM (cont.)

Name	Size	Description
GRPBY_LOCALLY_DEFINED_AT8	VC(30)	Nrv_group_by.locally_defined_at8
GRPBY_LOCALLY_DEFINED_AT9	VC(30)	Nrv_group_by.locally_defined_at9
GRPBY_LOCALLY_DEFINED_AT10	VC(30)	Nrv_group_by.locally_defined_at10
GRPBY_LOCAL_AT6_DESCRIPTION	VC(80)	Nrv_group_by.local_at6_description.
GRPBY_LOCAL_AT7_DESCRIPTION	VC(80)	Nrv_group_by.local_at7_description.
GRPBY_LOCAL_AT8_DESCRIPTION	VC(80)	Nrv_group_by.local_at8_description.
GRPBY_LOCAL_AT9_DESCRIPTION	VC(80)	Nrv_group_by.local_at9_description.
GRPBY_LOCAL_AT10_DESCRIPTION	VC(80)	Nrv_group_by.local_at10_description.
GRPBY_MERCH_BOARD_GROSS	N(11,4)	Nrv_group_by.merch_board_gross
GRPBY_MERCH_BOARD_NET	N(11,4)	Nrv_group_by.merch_board_net
GRPBY_MERCH_CUBIC_GROSS	N(11,4)	Nrv_group_by.merch_cubic_gross
GRPBY_MERCH_CUBIC_NET	N(11,4)	Nrv_group_by.merch_cubic_net
GRPBY_MODIFIED_BY	VC(30)	Nrv_group_by.grpby_modified_by
GRPBY_MODIFIED_DATE	DATE	Nrv_group_by.grpby_modified_date
GRPBY_MODIFIED_IN_INSTANCE	N(6)	Nrv_group_by.grpby_modified_in_instance
GRPBY_NO_OF_PIECES	N(5)	Nrv_group_by.no_of_pieces
GRPBY_NOXIOUS_WEED	VC(1)	Nrv_group_by.noxious_weed
GRPBY_PLANTS	N(9,4)	Nrv_group_by.plants
GRPBY_PLANTS_CV	N(13,4)	Nrv_group_by.plants_cv
GRPBY_PLANTS_SD	N(13,4)	Nrv_group_by.plants_sd
GRPBY_PLANTS_SE	N(7,4)	Nrv_group_by.plants_se
GRPBY_PLANT_COVER	N(4,1)	Nrv_group_by.plant_cover
GRPBY_POLYGON_COVERAGE_ID	VC(30)	Nrv_group_by.polygon_coverage_id
GRPBY_RADIAL_GROWTH	N(3)	Nrv_group_by.radial_growth
GRPBY_RADIAL_GROWTH_PERIOD	N(3)	Nrv_group_by.growth_period
GRPYBY_SELECTION_CRITERIA_NO	VC(3)	Nrv_group_by.selection_criteria_no
GRPBY_SHRUB_SHAPE	VC(1)	Nrv_group_by.shrub_shape
GRPBY_SHRUB_SIZE	VC(1)	Nrv_group_by.shrub_size
GRPBY_SHRUB_VIGOR	VC(1)	Nrv_group_by.shrub_vigor
GRPBY_SNAGS	N(9,4)	Nrv_group_by.snags
GRPBY_SPECIES_SYMBOL	VC(8)	Nrv_group_by.species_symbol
GRPBY_TE_SPECIES	VC(1)	Nrv_group_by.te_species
GRPBY_TOTAL_CUBIC	N(11,4)	Nrv_group_by.total_cubic
GRPBY_TREE_SIZE_CLASS	VC(2)	Nrv_group_by.tree_size_class
GRPBY_USER_OPS_ACCT	VC(30)	Nrv_group_by.user_ops_acct
GRPBY_VEG_CLASS	VC(2)	Nrv_group_by.veg_class
GRPBY_VIGOR	VC(1)	Nrv_group_by.vigor
GRPBY_WEIGHT	N(7,4)	Nrv_group_by.weight
GRPBY_YEAR_OF_ORIGIN	N(4)	Nrv_group_by.year_of_origin

NRV_CLUSTER_PLOT_COVER_VM

Contains cluster level data, plot level data, and cover level data. This view does not include tree level data.

Name	Size	Description
CLUSTER_AGE	NUMBER	**Computed** (System date – Stand_Origin_Year)
CLUSTER_AGENCY	VC(4)	Nrv_setting_measurements.agency
CLUSTER_ASPECT	N(3)	Nrv_setting_measurements.aspect
CLUSTER_BA	NUMBER	**Computed.** The cluster basal area per acre. Live trees only.
CLUSTER_BIOMASS_STOCKING	NUMBER	**Not available yet.**
CLUSTER_BOARD_STOCKING	NUMBER	**Computed.** The cluster board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
CLUSTER_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
CLUSTER_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
CLUSTER_CN	VC(34)	Control number to link to the corresponding cluster record in Nrv_setting_measurements
CLUSTER_CORDS_STOCKING	NUMBER	**Not available yet**
CLUSTER_CUBIC_STOCKING	NUMBER	**Computed.** The cluster cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
CLUSTER_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code

NRV_CLUSTER_PLOT_COVER_VM (cont.)

Name	Size	Description
CLUSTER_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
CLUSTER_EV	VC(10)	Nrv_setting_measurements.ev_code
CLUSTER_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
CLUSTER_FIA_EV_CALC	VC(10)	**Calculated.** Forest type code using the FIA algorithm
CLUSTER_FIA_TOTAL_STOCKING	NUMBER	**Calculated.** Number of trees in the cluster using the FIA algorithm
CLUSTER_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
CLUSTER_HISTORY1	VC(6)	Nrv_Setting_histories.history_code
CLUSTER_HISTORY2	VC(6)	Nrv_Setting_histories.history_code
CLUSTER_HISTORY3	VC(6)	Nrv_Setting_histories.history_code
CLUSTER_HISTORY_DATE1	DATE	Nrv_Setting_histories.history_date
CLUSTER_HISTORY_DATE2	DATE	Nrv_Setting_histories.history_date
CLUSTER_HISTORY_DATE3	DATE	Nrv_Setting_histories.history_date
CLUSTER_MERCH_CUBIC_STOCKING	NUMBER	**Computed.** The cluster cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
CLUSTER_NET_BOARD_STOCKING	NUMBER	**Not available yet.** The cluster board foot volume per acre, after defect has been detected. Live trees only.
CLUSTER_NET_CUBIC_STOCKING	NUMBER	**Not available yet.** The cluster cubic foot volume per acre, after defect is deducted Live trees only.
CLUSTER_NET_MERCH_CU_STOCKING	NUMBER	**Not available yet.** The cluster cubic foot volume per acre, of merchantable portion of tree after the defect is deducted. Live trees only.
CLUSTER_ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_origin
CLUSTER_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
CLUSTER_OWNER	VC(4)	Nrv_setting_measurements.owner
CLUSTER_PV	VC(10)	Nrv_setting_measurements.pv_code
CLUSTER_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
CLUSTER_QMD	NUMBER	**Computed.** Cluster quadratic mean diameter. Live trees only.
CLUSTER_SDI	NUMBER	**Computed.** Cluster Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.

NRV_CLUSTER_PLOT_COVER_VM (cont.)

Name	Size	Description
CLUSTER_SEEDLINGS	NUMBER	**Computed.** Cluster number of trees per acre. Live trees less than 4.5 ft. tall only
CLUSTER_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
CLUSTER_SITE_INDEX_CALC	NUMBER	**Computed.** Cluster site index
CLUSTER_SITE_INDEX_REF	VC(3)	Nrv_site_index_ref_codes.reference_no
CLUSTER_SITE_INDEX_REF_CALC	VC(5)	**Computed.** Reference used in the cluster_site_index_calc field. This value is determined from cluster_site_index_species, Region, and Forest
CLUSTER_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
CLUSTER_SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10: the site species with the plurality of basal area in the cluster. For Regions 2, 3, and 4, the RMSTAND algorithm is used
CLUSTER_SIZE	N(8,4)	Nrv_setting_measurements.size
CLUSTER_SLOPE	N(3)	Nrv_setting_measurements.slope
CLUSTER_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
CLUSTER_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
CLUSTER_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
CLUSTER_STRATUM	VC(6)	Nrv_setting_measurements.stratum
CLUSTER_STRATUM_EXPANSION_FAC	N(9,1)	Nrv_setting_measurements.stratum_expansion_factor
CLUSTER_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
CLUSTER_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
CLUSTER_TPA	NUMBER	**Computed.** Cluster number of trees per acre. Live trees only.
CLUSTER_VSS	VC(6)	**Computed** for Regions 2, 3 and 4 only
CLUSTR	VC(10)	Nrv_setting_measurements.level_1_id
COMPARTMENT	VC(10)	Nrv_setting_measurements.compartment_no (not populated for most stand exam data)
CONSEC_PT_NUM	VC(8)	Nrv_setting_measurements.consec_pt_num
COUNTY	VC(3)	Nrv_setting_measurements.county
COVER_CN	VC(34)	The control number of the Nrv_cover_measurements record.
DISTRICT	VC(2)	Nrv_setting_measurements.district
FOREST_ADMIN	VC(2)	Nrv_setting_measurements.forest_admin
FOREST_PROC	VC(2)	Nrv_setting_measurements.forest_proc
GEOGRAPHICAL_AREA	VC(5)	Nrv_setting_measurements.geographical_area
LATITUDE_DEG	NUMBER	Nrv_setting_measurements.latitude_degree
LATITUDE_MIN	NUMBER	Nrv_setting_measurements.latitude_min
LATITUDE_SEC	NUMBER	Nrv_setting_measurements.latitude_sec
LAT_LON_DATUM	VC(8)	Nrv_setting_measurements.lat_lon_datum
LONGITUDE_DEG	NUMBER	Nrv_setting_measurements.longitude_deg
LONGITUDE_MIN	NUMBER	Nrv_setting_measurements.longitude_din
LONGITUDE_SEC	NUMBER	Nrv_setting_measurements.longitude_dec
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date
MEASUREMENT_NO	VC(2)	Nrv_setting_measurements.measurement_No
NFS_LAND_CLASS	VC(3)	Nrv_setting_measurements.nfs_land_class

NRV_CLUSTER_PLOT_COVER_VM (cont.)

Name	Size	Description
PLOT	VC(10)	Nrv_setting_measurements.level_1_id of the level 2 child setting records
PLOT_CN	VC(34)	The control number of the Nrv_setting_measurements record
PLS_MERIDIAN	VC(2)	Nrv_setting_measurements.meridian_code
PLS_RANGE	VC(5)	Nrv_setting_measurements.pls_range
PLS_SECTION	VC(2)	Nrv_setting_measurements.pls_section
PLS_SUBDIVISION	VC(4)	Nrv_setting_measurements.pls_subdivision
PLS_TOWNSHIP	VC(5)	Nrv_setting_measurements.pls_township
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
REGION_ADMIN	VC(2)	Nrv_setting_measurements.region_admin
REGION_PROC	VC(2)	Nrv_setting_measurements.region_proc
RESERVE_CLASS	VC(2)	Nrv_setting_measurements.reserve_Class
RPA_LAND_CLASS	VC(2)	Nrv_setting_measurements.rpa_land_Class
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_Id
STATE	VC(2)	Nrv_setting_measurements.state
STATE_PLANE_DATUM	VC(10)	Nrv_setting_measurements.state_plane_datum
STATE_PLANE_X	NUMBER	Nrv_setting_measurements.state_plane_x
STATE_PLANE_Y	NUMBER	Nrv_setting_measurements.state_plane_y
STATE_PLANE_ZONE	VC(10)	Nrv_setting_measurements.state_plane_zone
SUBCOMPARTMENT	VC(10)	Nrv_setting_measurements.subcompartment_No
SUBPLOT	VC(10)	Nrv_setting_measurements.level2_id of the level 2 child setting record
SURVEY_UNIT	VC(2)	Nrv_setting_measurements.survey_unit
UTM_DATUM	VC(10)	Nrv_setting_measurements.utm_datum
UTM_EASTING	NUMBER	Nrv_setting_measurements.utm_easting
UTM_NORTHING	NUMBER	Nrv_setting_measurements.utm_northing
UTM_ZONE	NUMBER	Nrv_setting_measurements.utm_zone
PLOT_AGE	NUMBER	**Computed**. (System date – Stand_Origin_Year)
PLOT_ASPECT	N(3)	Nrv_setting_measurements.aspect
PLOT_BA	NUMBER	**Computed.** Plot basal area per acre. Live trees only.
PLOT_BIOMASS_STOCKING	NUMBER	**Not yet available**
PLOT_BOARD_STOCKING	NUMBER	**Computed.** Plot board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
PLOT_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
PLOT_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
PLOT_CORDS_STOCKING	NUMBER	**Not yet available**
PLOT_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
PLOT_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code

NRV_CLUSTER_PLOT_COVER_VM (cont.)

Name	Size	Description
PLOT_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY2	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY3	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY4	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY5	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
PLOT_EV	VC(10)	Nrv_setting_measurements.ev_code
PLOT_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
PLOT_HISTORY1	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY2	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY3	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
PLOT_MERCH_CUBIC_STOCKING	NUMBER	**Computed.** The plot cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
PLOT_NET_BOARD_STOCKING	NUMBER	**Not available yet.** Plot board foot volume per acre, after defect has been detected. Live trees only.
PLOT_NET_CUBIC_STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre, after defect is deducted. Live trees only.

NRV_CLUSTER_PLOT_COVER_VM (cont.)

Name	Size	Description
PLOT_NET_MERCH_CUBIC_STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
PLOT_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
PLOT_ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_origin
PLOT_PV	VC(10)	Nrv_setting_measurements.pv_code
PLOT_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
PLOT_QMD	NUMBER	**Computed**. Plot quadratic mean diameter. Live trees only.
PLOT_SDI	NUMBER	**Computed.** Plot Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
PLOT_SEEDLINGS	NUMBER	**Computed.** The plot number of trees per acre. This value only includes live trees less than 4.5 ft tall.
PLOT_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
PLOT_SITE_INDEX_CALC	NUMBER	**Computed.** Plot site index
PLOT_SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
PLOT_SITE_INDEX_REF_CALC	VC(5)	**Computed.** Reference used in the plot_site_index_calc field. This value is determined from plot_site_index_species, Region, and Forest
PLOT_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
PLOT_SITE_SPECIES_CALC	N(3)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10: the site species with the plurality of basal area in the plot. For Regions 2, 3, and 4, the RMSTAND algorithm is used
PLOT_SLOPE	N(3)	Nrv_setting_measurements.slope
PLOT_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
PLOT_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
PLOT_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
PLOT_STRATUM	VC(6)	Nrv_setting_measurements.stratum
PLOT_STRATUM_EXPANSION_FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion_factor
PLOT_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
PLOT_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
PLOT_TPA	NUMBER	**Computed.** The plot number of trees per acre. Live trees only.
COVER_AGE	N(4)	Nrv_cover_measurements.age
COVER_AGE_METHOD	VC(2)	Nrv_cover_measurements.age_method
COVER_DIAMETER	N(6,3)	Nrv_cover_measurements.diameter
COVER_DRY_WT	N(8,4)	Nrv_cover_measurements.dry_wt
COVER_DRY_WT_FACTOR	N(5,4)	Nrv_cover_measurements.dry_wt_factor
COVER_FORAGE_CLASS	VC(4)	Nrv_cover_measurements.utilization_class
COVER_FORAGE_PERCENT	N(3)	Nrv_cover_measurements.utilization_percent
COVER_GREEN_WT	N(6,2)	Nrv_cover_measurements.green_wt
COVER_GROWTH_FORM	VC(2)	Nrv_cover_measurements.growth_form

NRV_CLUSTER_PLOT_COVER_VM (cont.)

Name	Size	Description
COVER_HEIGHT	N(7,4)	Nrv_cover_measurements.height
COVER_HEIGHT_MAX	N(7,4)	Nrv_cover_measurements.height_max
COVER_HEIGHT_MIN	N(7,4)	Nrv_cover_measurements.height_min
COVER_INDICATOR_SPECIES_FLAG	VC(1)	Nrv_cover_measurements.indicator_species_flag
COVER_INTERCEPT	N(6,2)	Nrv_cover_measurements.intercept
COVER_ITEM_COUNT	N(3)	Nrv_cover_measurements.item_count
COVER_LAYER	VC(3)	Nrv_cover_measurements.layer
COVER_LAYER_CODE_LOCAL	VC(2)	Nrv_cover_measurements.layer_code_local
COVER_LIFEFORM	VC(2)	Nrv_cover_measurements.lifeform
COVER_LIVE_DEAD	VC(1)	Nrv_cover_measurements.live_dead
COVER_METHOD	VC(2)	Nrv_cover_measurements.cover_method
COVER_PERCENT	N(4,1)	Nrv_cover_measurements.cover_percent
COVER_PHENOLOGY_CLASS	VC(2)	Nrv_cover_measurements.phenology_class
COVER_PRESENCE_FLAG	VC(1)	Nrv_cover_measurements.presence_flag
COVER_SELCRIT_CN	VC(34)	Nrv_cover_measurements.selcrit_cn
COVER_SHRUB_AGE_CLASS	VC(2)	Nrv_cover_measurements.shrub_age_class
COVER_SHRUB_FORM_CLASS	VC(4)	Nrv_cover_measurements.shrub_form_class
COVER_SPA_EQUIV	N(10,5)	Nrv_cover_measurements.spa_equiv
COVER_SPECIES	VC(8)	Nrv_cover_measurements.species_symbol
COVER_SUBGROUP_CODE	VC(4)	Nrv_cover_measurements.subgroup_code
COVER_SURFACE_CODE	VC(4)	Nrv_cover_measurements.surface_cover_code
COVER_TAG_ID	VC(5)	Nrv_cover_measurements.tag_id
COVER_VOUCHER_FLAG	VC(1)	Nrv_cover_measurements.voucher_flag

NRV_CLUSTER_VM

Contains cluster level data.

Name	Size	Description
CLUSTER_CN ***Required***	VC(34)	Control number to link to the corresponding cluster record in Nrv_setting_measurements.
AGE	NUMBER	**Computed**. (System date – Stand_Origin_Year)
AGENCY	VC(4)	Nrv_setting_measurements.agency
ASPECT	N(3)	Nrv_setting_measurements.aspect
BA	NUMBER	**Computed**. Cluster basal area per acre. Live trees only.
BIOMASS_STOCKING	NUMBER	**Not available yet.**
BOARD_STOCKING	NUMBER	**Computed.** Cluster board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
CLUSTR	VC(10)	Nrv_setting_measurements.level_1_id
COMPARTMENT	VC(10)	Nrv_setting_measurements.compartment_no (not populated for most stand exam data)

NRV_CLUSTER_VM (cont.)

Name	Size	Description
CORDS_STOCKING	NUMBER	**Not available yet**.
COUNTY	VC(3)	Nrv_setting_measurements.county
CUBIC_STOCKING	NUMBER	**Computed.** Cluster cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
DISTRICT	VC(2)	Nrv_setting_measurements.district
DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
DISTURB_CATEGORY2	VC(2)	Nrv_setting_disturbances.category_code
DISTURB_CATEGORY3	VC(2)	Nrv_setting_disturbances.category_code
DISTURB_CATEGORY4	VC(2)	Nrv_setting_disturbances.category_code
DISTURB_CATEGORY5	VC(2)	Nrv_setting_disturbances.category_code
DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
DOWN_PIECES_5_MINUS	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 3 to 4.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]

NRV_CLUSTER_VM (cont.)

Name	Size	Description
DOWN_PIECES_5_10	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 5 to 9.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_10_15	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 10 to 14.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_15_20	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 15 to 19.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_20_25	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 20 to 24.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_25_30	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 25 to 29.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_30_35	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 30 to 34.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_35_40	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 35 to 39.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]

NRV_CLUSTER_VM (cont.)

Name	Size	Description
DOWN_PIECES_40_45	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 40 to 44.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_45_PLUS	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 45 inches and up in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
EV	VC(10)	Nrv_setting_measurements.ev_code
EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
FIA_EV_CALC	VC(10)	**Calculated** forest type using the FIA
FIA_TOTAL_STOCKING	NUMBER	**Calculated** stocking in the cluster using the FIA algorithm
FOREST_ADMIN	VC(2)	Nrv_setting_measurements.forest_admin
FOREST_PROC	VC(2)	Nrv_setting_measurements.forest_proc
FUEL_1HR	N(5,2)	Nrv_fuel_models.fuel_1hr
FUEL_10HR	N(5,2)	Nrv_fuel_models.fuel_10hr
FUEL_100HR	N(5,2)	Nrv_fuel_models.fuel_100hr
FUEL_BED_DEPTH	N(5,2)	Nrv_fuel_models.fuel_bed_depth
FUEL_MODEL	VC(3)	Nrv_fuel_models.fuel_model
FUEL_MODEL_CODE	VC(10)	Nrv_fuel_models.fuel_model_code
GEOGRAPHICAL_AREA	VC(5)	Nrv_setting_measurements.geographical_Area
GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
HISTORY1	VC(6)	Nrv_Setting_histories.history_code
HISTORY2	VC(6)	Nrv_Setting_histories.history_code
HISTORY3	VC(6)	Nrv_Setting_histories.history_code
HISTORY_DATE1	DATE	Nrv_Setting_histories.history_date
HISTORY_DATE2	DATE	Nrv_Setting_histories.history_date
HISTORY_DATE3	DATE	Nrv_Setting_histories.history_date
LATITUDE_DEG	N(3)	Nrv_setting_measurements.latitude_deg
LATITUDE_MIN	N(2)	Nrv_setting_measurements.latitude_min
LATITUDE_SEC	N(4,2)	Nrv_setting_measurements.latitude_sec
LAT_LON_DATUM	VC(50)	Nrv_setting_measurements.lat_lon_datum
LONGITUDE_DEG	N(3)	Nrv_setting_measurements.longitude_deg
LONGITUDE_MIN	N(2)	Nrv_setting_measurements.longitude_min
LONGITUDE_SEC	N(4,2)	Nrv_setting_measurements.longitude_sec
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date
MEASUREMENT_NO	VC(4)	Nrv_setting_measurements.measurement_no
MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Cluster cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.

NRV_CLUSTER_VM (cont.)

Name	Size	Description
NET_BOARD_STOCKING	NUMBER	**Not available yet.** Cluster board foot volume per acre after defect has been detected. Live trees only.
NET_CUBIC_STOCKING	NUMBER	**Not available yet.** Cluster cubic foot volume per acre, after defect is deducted. Live trees only.
NET_MERCH_CUBIC_STOCKING	NUMBER	**Not available yet.** Cluster cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
NFS_LAND_CLASS	VC(3)	Nrv_setting_measurements.nfs_land_class
ORGIN	VC(2)	Nrv_setting_measurements.setting_origin
ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_origin
OWNER	VC(4)	Nrv_setting_measurements.owner
PLS_MERIDIAN	VC(2)	Nrv_setting_measurements.meridian_code
PLS_RANGE	VC(5)	Nrv_setting_measurements.pls_range
PLS_SECTION	VC(2)	Nrv_setting_measurements.pls_section
PLS_SUBDIVISION	VC(4)	Nrv_setting_measurements.pls_subdivision
PLS_TOWNSHIP	VC(5)	Nrv_setting_measurements.pls_township
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
PV	VC(10)	Nrv_setting_measurements.pv_code
PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
QMD	NUMBER	**Computed.** Cluster quadratic mean diameter. Live trees only.
REGION_ADMIN	VC(2)	Nrv_setting_measurements.region_admin
REGION_PROC	VC(2)	Nrv_setting_measurements.region_proc
RPA_LAND_CLASS	VC(2)	Nrv_setting_measurements.rpa_land_class
SDI	NUMBER	**Computed.** Cluster Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
SEEDLINGS	NUMBER	**Computed**. Cluster number of trees per acre. Only includes live trees less than 4.5 feet tall.
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id
SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
SITE_INDEX_CALC	NUMBER	**Computed.** Cluster site index
SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
SITE_INDEX_REF_CALC	VC(5)	**Computed.** Reference used in the site_index_calc field. This value is determined from site_index_species, Region, and Forest
SITE_SPECIES	VC(8)	Nrv_site_index_ref_codes.site_species
SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10: the site species with the plurality of basal area in the plot. For Regions 2, 3, and 4, the RMSTAND algorithm is used
SLOPE	N(3)	Nrv_setting_measurements.slope
SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
STAND_SIZE	N(8,4)	Nrv_setting_measurements.setting_size

NRV_CLUSTER_VM (cont.)

Name	Size	Description
STATE	VC(2)	Nrv_setting_measurements.state
STATE_PLANE_DATUM	VC(10)	Nrv_setting_measurements.state_plane_datum
STATE_PLANE_X	N(12,3)	Nrv_setting_measurements.state_plane_x
STATE_PLANE_Y	N(12,3)	Nrv_setting_measurements.state_plane_y
STATE_PLANE_ZONE	VC(10)	Nrv_setting_measurements.state_plane_zone
STRATUM	VC(6)	Nrv_setting_measurements.stratum
STRATUM_EXPANSION_FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion_factor
STRUCTURE	VC(2)	Nrv_setting_measurements.structure
SUBCOMPARTMENT	VC(10)	Nrv_setting_measurements.subcompartment_No
SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
SURVEY_UNIT	VC(2)	Nrv_setting_measurements.survey_Unit
TPA	NUMBER	**Computed**. Cluster number of trees per acre. Live trees only.
UTM_DATUM	VC(10)	Nrv_setting_measurements.utm_datum
UTM_EASTING	N(6)	Nrv_setting_measurements.utm_easting
UTM_NORTHING	N(7)	Nrv_setting_measurements.utm_northing
UTM_ZONE	N(2)	Nrv_setting_measurements.utm_zone
VSS	VC(6)	**Computed** for Regions 2, 3 and 4 only

NRV_CLUSTER_PLOT_TREE_VM

Contains cluster level data, plot level data, and tree level data.

Name	Size	Description
CLUSTER_CN ***Required***	VC(34)	Control number to link to the corresponding cluster record in Nrv_setting_measurements
CLUSTR	VC(10)	Nrv_setting_measurements.level_1_id
COMPARTMENT	VC(10)	Nrv_setting_measurements.compartment_No (not populated for most stand exam data)
CONSEC_PT_NUM	VC(8)	Nrv_setting_measurements.consec_Pt_Num
COUNTY	VC(3)	Nrv_setting_measurements.county
DISTRICT	VC(2)	Nrv_setting_measurements.district
FOREST_ADMIN	VC(2)	Nrv_setting_measurements.forest_admin
FOREST_PROC	VC(2)	Nrv_setting_measurements.forest_proc
GEOGRAPHICAL_AREA	VC(5)	Nrv_setting_measurements.geographical_area
HEIGTH_TO_BREAK	N(7,4)	Nrv_Tree_measurements.height_to_break
LATITUDE_DEG	NUMBER	Nrv_setting_measurements.latitude_degree
LATITUDE_MIN	NUMBER	Nrv_setting_measurements.latitude_min
LATITUDE_SEC	NUMBER	Nrv_setting_measurements.latitude_sec
LAT_LON_DATUM	VC(8)	Nrv_setting_measurements.lat_lon_datum
LONGITUDE_DEG	NUMBER	Nrv_setting_measurements.longitude_deg
LONGITUDE_MIN	NUMBER	Nrv_setting_measurements.longitude_min
LONGITUDE_SEC	NUMBER	Nrv_setting_measurements.longitude_sec
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date
MEASUREMENT_NO	VC(2)	Nrv_setting_measurements.measurement_No

NRV_CLUSTER_PLOT_TREE_VM (cont.)

Name	Size	Description
NFS_LAND_CLASS	VC(3)	Nrv_setting_measurements.nfs_Land_class
PLOT	VC(10)	Nrv_setting_measurements.plot
PLOT_CN	VC(34)	The control number of the Nrv_setting_measurements record corresponding to the plot
PLS_MERIDIAN	VC(2)	Nrv_setting_measurements.meridian_Code
PLS_RANGE	VC(5)	Nrv_setting_measurements.pls_range
PLS_SECTION	VC(2)	Nrv_setting_measurements.pls_section
PLS_SUBDIVISION	VC(4)	Nrv_setting_measurements.pls_subdivision
PLS_TOWNSHIP	VC(5)	Nrv_setting_measurements.pls_township
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
REGION_ADMIN	VC(2)	Nrv_setting_measurements.region_admin
REGION_PROC	VC(2)	Nrv_setting_measurements.region_proc
RESERVE_CLASS	VC(2)	Nrv_setting_measurements.reserve_class
RPA_LAND_CLASS	VC(2)	Nrv_setting_measurements.rpa_land_class
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id
STATE	VC(2)	Nrv_setting_measurements.state
STATE_PLANE_DATUM	VC(10)	Nrv_setting_measurements.state_plane_datum
STATE_PLANE_X	NUMBER	Nrv_setting_measurements.state_plane_x
STATE_PLANE_Y	NUMBER	Nrv_setting_measurements.state_plane_y
STATE_PLANE_ZONE	VC(10)	Nrv_setting_measurements.state_plane_zone
SUBCOMPARTMENT	VC(10)	Nrv_setting_measurements.subcompartment_no
SURVEY_UNIT	VC(2)	Nrv_setting_measurements.survey_unit
TREE_CN	VC(34)	Control number of the Nrv_tree_measurements record
UTM_DATUM	VC(10)	Nrv_setting_measurements.utm_datum
UTM_EASTING	NUMBER	Nrv_setting_measurements.utm_easting
UTM_NORTHING	NUMBER	Nrv_setting_measurements.utm_northing
UTM_ZONE	NUMBER	Nrv_setting_measurements.utm_zone
CLUSTER_AGE	NUMBER	**Computed** (System date – Stand_Origin_Year)
CLUSTER_AGENCY	VC(4)	Nrv_setting_measurements.agency
CLUSTER_ASPECT	N(3)	Nrv_setting_measurements.aspect
CLUSTER_BA	NUMBER	**Computed.** Cluster basal area per acre. Live trees only.
CLUSTER_BA_EQ	NUMBER	**Computed.** Cluater basal area per acre that this tree represents
CLUSTER_BIOMASS_STOCKING	NUMBER	**Not available yet**
CLUSTER_BOARD_STOCKING	NUMBER	**Computed.** Cluster board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
CLUSTER_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
CLUSTER_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
CLUSTER_CORDS_STOCKING	NUMBER	**Not available yet**
CLUSTER_CUBIC_STOCKING	NUMBER	**Computed.** Cluster cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
CLUSTER_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code

NRV_CLUSTER_PLOT_TREE_VM (cont.)

Name	Size	Description
CLUSTER_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY2	VC(2)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY3	VC(2)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY4	VC(2)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY5	VC(2)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
CLUSTER_EV	VC(10)	Nrv_setting_measurements.ev_code
CLUSTER_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
CLUSTER_FIA_EV_CALC	VC(10)	**Computed**. Forest type using the FIA algorithm
CLUSTER_FIA_TOTAL_STOCKING	NUMBER	**Computed.** Cluster trees stocking using the FIA algorithm
CLUSTER_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
CLUSTER_HISTORY1	VC(6)	Nrv_Setting_histories.history_code
CLUSTER_HISTORY2	VC(6)	Nrv_Setting_histories.history_code
CLUSTER_HISTORY3	VC(6)	Nrv_Setting_histories.history_code
CLUSTER_HISTORY_DATE1	DATE	Nrv_Setting_histories.history_date
CLUSTER_HISTORY_DATE2	DATE	Nrv_Setting_histories.history_date
CLUSTER_HISTORY_DATE3	DATE	Nrv_Setting_histories.history_date

NRV_CLUSTER_PLOT_TREE_VM (cont.)

Name	Size	Description
CLUSTER_MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Cluster cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
CLUSTER_NET_BOARD_STOCKING	NUMBER	**Not available yet.** Cluster board foot volume per acre, after defect has been detected. Live trees only.
CLUSTER_NET_CUBIC_STOCKING	NUMBER	**Not available yet.** Cluster cubic foot volume per acre, after defect is deducted. Live trees only.
CLUSTER_NET_MERCH_CU_STOCKING	NUMBER	**Not available yet.** Cluster cubic foot volume per acre, of merchantable portion of tree after the defect is deducted. Live trees only.
CLUSTER_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
CLUSTER_ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_ origin
CLUSTER_OWNER	VC(4)	Nrv_setting_measurements.owner
CLUSTER_PV	VC(10)	Nrv_setting_measurements.pv_code
CLUSTER_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
CLUSTER_QMD	NUMBER	**Computed.** Cluster quadratic mean diameter. Live trees only.
CLUSTER_SDI	NUMBER	**Computed.** Cluster Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
CLUSTER_SEEDLINGS	NUMBER	**Computed.** Cluster number of trees per acre. Only includes live trees less than 4.5 ft. tall.
CLUSTER_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
CLUSTER_SITE_INDEX_CALC	NUMBER	**Computed.** Cluster site index
CLUSTER_SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
CLUSTER_SITE_INDEX_REF_CALC	VC(5)	**Computed.** Reference used in the cluster_site_index_calc field. This value is determined from cluster_site_index_species, Region, and Forest
CLUSTER_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
CLUSTER_SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10: the site species with the plurality of basal area in the plot. For Regions 2, 3, and 4, the RMSTAND algorithm is used
CLUSTER_SLOPE	N(3)	Nrv_setting_measurements.slope
CLUSTER_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
CLUSTER_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
CLUSTER_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
CLUSTER_STRATUM	VC(6)	Nrv_setting_measurements.stratum
CLUSTER_STRATUM_EXPANSION	N(9,1)	Nrv_setting_measurements.stratum_expansion _factor
CLUSTER_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
CLUSTER_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
CLUSTER_TPA	NUMBER	**Computed.** Cluster number of trees per acre. Live trees only.

NRV_CLUSTER_PLOT_TREE_VM (cont.)

Name	Size	Description
CLUSTER_VSS	VC(6)	**Computed.** vegetation structural stage Regions 2, 3 and 4 only.
PLOT_AGE	NUMBER	**Computed**. (System date – Stand_Origin_Year)
PLOT_ASPECT	N(3)	Nrv_setting_measurements.aspect
PLOT_BA	NUMBER	**Computed.** Plot basal area per acre. Live trees only.
PLOT_BIOMASS_STOCKING	NUMBER	**Not yet available.**
PLOT_BOARD_STOCKING	NUMBER	**Computed.** Plot board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
PLOT_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
PLOT_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
PLOT_CORDS_STOCKING	NUMBER	**Not yet available.**
PLOT_CUBIC_STOCKING	NUMBER	**Computed.** The plot cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
PLOT_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY2	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY3	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY4	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY5	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity

NRV_CLUSTER_PLOT_TREE_VM (cont.)

Name	Size	Description
PLOT_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
DISTURBANCE_AGENT1	VC(3)	Nrv_tree_disturbances.agent_code
DISTURBANCE_AGENT2	VC(3)	Nrv_tree_disturbances.agent_code
DISTURBANCE_AGENT3	VC(3)	Nrv_tree_disturbances.agent_code
DISTURBANCE_AGENT4	VC(3)	Nrv_tree_disturbances.agent_code
DISTURBANCE_AGENT5	VC(3)	Nrv_tree_disturbances.agent_code
DISTURBANCE_AGENT_SEV1	VC(3)	Nrv_tree_disturbances.severity_rating_code
DISTURBANCE_AGENT_SEV2	VC(3)	Nrv_tree_disturbances.severity_rating_code
DISTURBANCE_AGENT_SEV3	VC(3)	Nrv_tree_disturbances.severity_rating_code
DISTURBANCE_AGENT_SEV4	VC(3)	Nrv_tree_disturbances.severity_rating_code
DISTURBANCE_AGENT_SEV5	VC(3)	Nrv_tree_disturbances.severity_rating_code
DISTURBANCE_CATEGORY1	VC(2)	Nrv_tree_disturbances.category_code
DISTURBANCE_CATEGORY2	VC(2)	Nrv_tree_disturbances.category_code
DISTURBANCE_CATEGORY3	VC(2)	Nrv_tree_disturbances.category_code
DISTURBANCE_CATEGORY4	VC(2)	Nrv_tree_disturbances.category_code
DISTURBANCE_CATEGORY5	VC(2)	Nrv_tree_disturbances.category_code
DISTURBANCE_DATE1	DATE	Nrv_tree_disturbances.disturbance_date
DISTURBANCE_DATE2	DATE	Nrv_tree_disturbances.disturbance_date
DISTURBANCE_DATE3	DATE	Nrv_tree_disturbances.disturbance_date
DISTURBANCE_DATE4	DATE	Nrv_tree_disturbances.disturbance_date
DISTURBANCE_DATE5	DATE	Nrv_tree_disturbances.disturbance_date
DISTURBANCE_EFFECT1	VC(3)	Nrv_tree_disturbances.effect_code
DISTURBANCE_EFFECT2	VC(3)	Nrv_tree_disturbances.effect_code
DISTURBANCE_EFFECT3	VC(3)	Nrv_tree_disturbances.effect_code
DISTURBANCE_EFFECT4	VC(3)	Nrv_tree_disturbances.effect_code
DISTURBANCE_EFFECT5	VC(3)	Nrv_tree_disturbances.effect_code
DISTURBANCE_EFFECT_SEV1	VC(3)	Nrv_tree_disturbances.effect_severity
DISTURBANCE_EFFECT_SEV2	VC(3)	Nrv_tree_disturbances.effect_severity
DISTURBANCE_EFFECT_SEV3	VC(3)	Nrv_tree_disturbances.effect_severity
DISTURBANCE_EFFECT_SEV4	VC(3)	Nrv_tree_disturbances.effect_severity
DISTURBANCE_EFFECT_SEV5	VC(3)	Nrv_tree_disturbances.effect_severity
DISTURBANCE_TREE_PART1	VC(2)	Nrv_tree_disturbances.tree_part_code
DISTURBANCE_TREE_PART2	VC(2)	Nrv_tree_disturbances.tree_part_code
DISTURBANCE_TREE_PART3	VC(2)	Nrv_tree_disturbances.tree_part_code
DISTURBANCE_TREE_PART4	VC(2)	Nrv_tree_disturbances.tree_part_code
DISTURBANCE_TREE_PART5	VC(2)	Nrv_tree_disturbances.tree_part_code
PLOT_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
PLOT_EV	VC(10)	Nrv_setting_measurements.ev_code
PLOT_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
PLOT_HISTORY1	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY2	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY3	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE2	DATE	Nrv_setting_histories.history_date

NRV_CLUSTER_PLOT_TREE_VM (cont.)

Name	Size	Description
PLOT_HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
PLOT_MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
PLOT_NET_BOARD_STOCKING	NUMBER	**Not available yet.** Plot board foot volume per acre, after defect has been detected. Live trees only.
PLOT_NET_CUBIC_STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre, after defect is deducted. Live trees only.
PLOT_NET_MERCH_CUBIC_ STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
PLOT_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
PLOT_ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_ origin
PLOT_PV	VC(10)	Nrv_setting_measurements.pv_code
PLOT_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
PLOT_QMD	NUMBER	**Computed**. Plot quadratic mean diameter. Live trees only.
PLOT_SDI	NUMBER	**Computed.** Plot Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
PLOT_SEEDLINGS	NUMBER	**Computed.** Plot average number of trees per acre. Only includes live trees less than 4.5 ft tall.
PLOT_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
PLOT_SITE_INDEX_CALC	NUMBER	**Computed.** Plot site index
PLOT_SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
PLOT_SITE_INDEX_REF_CALC	VC(5)	**Computed.** Reference used in the plot_site_index_calc field. This value is determined from plot_site_index_species, Region, and Forest
PLOT_SITE_SPECIES	VC(8)	Nrv_Site_indexes.site_species
PLOT_SITE_SPECIES_CALC	VC8	**Computed.** For Regions 1, 5, 6, 8, 9, and 10: the site species with the plurality of basal area in the plot. For Regions 2, 3, and 4, the RMSTAND algorithm is used
PLOT_SLOPE	N(3)	Nrv_setting_measurements.slope
PLOT_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
PLOT_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
PLOT_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
PLOT_STRATUM	VC(6)	Nrv_setting_measurements.stratum
PLOT_STRATUM_EXPANSION_ FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion _factor
PLOT_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
PLOT_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
PLOT_TPA	NUMBER	**Computed.** Plot number of trees per acre. Live trees only with diameters > 0
AGE	N(4)	Nrv_tree_measurements.age

NRV_CLUSTER_PLOT_TREE_VM (cont.)

Name	Size	Description
ANNUAL_HT_GROWTH	NUMBER	Nrvt_tree_measurements.height_growth
ANNUAL_RADIAL_GROWTH	NUMBER	Nrv_tree_measurements.radial_growth
AZIMUTH	N(3)	Nrv_tree_measurements.azimuth
BA	NUMBER	**Computed.** Tree basal area, in square feet. BA = *0.005454*diameter²*
BARE_TOP_PERCENT	N(3)	Nrv_tree_measurements.bare_top_percent
BIOMASS	NUMBER	**Not available yet.**
BOARD_VOLUME	NUMBER	**Computed.** Tree board foot volume (for R9, the sawtimber board foot volume).
CLUSTER_TPA_EQ	NUMBER	**Computed.** The number of trees per acre, at the cluster level, which this tree record represents.
CONE_SEROTINY	VC(2)	Nrv_Tree_measurements.cone_serotiny
CORDS	NUMBER	**Not available yet.**
CR	N(3)	Nrv_Tree_measurements.crown_ratio
CROWN_BASE_HEIGHT	N(6,3)	Nrv_Tree_measurements.crown_base_height
CROWN_CLASS	VC(2)	Nrv_Tree_measurements.crown_class
CROWN_LENGTH	N(6,3)	Nrv_Tree_measurements.crown_length
CROWN_WIDTH	N(5,2)	Nrv_Tree_measurements.crown_width
CUBIC_VOLUME	NUMBER	**Computed.** Cubic foot volume of the whole tree (for R9, the pulp cubic foot volume).
DBH	NUMBER	Nrv_tree_measurements.diameter
DEADWOOD_PERCENT	N(3)	Nrv_tree_measurements.deadwood_percent
DIAMETER	N(6,3)	Nrv_tree_measurements.diameter or Nrv_tree_measurements.diameter whichever is not NULL
DISTANCE	N(6,3)	Nrv_tree_measurements.distance
DOWN_FLAG	VC(1)	Nrv_tree_measurements.down_flag
DRC	NUMBER	Nrv_tree_measurements.diameter
GROWTH_FORM	VC(2)	Nrv_tree_measurements.growth_form
HEIGHT	NUMBER	Nrv_tree_measurements.height **OR computed** if the height is missing
HEIGHT_METHOD	VC(7)	Nrv_tree Measurements.height_method **OR** set to 'C' if the height is calculated
HEIGHT_TOPKILL	N(7,4)	Nrv_tree_measurements.height_topkill
HEIGHT_TO_BREAK	N(7,4)	Nrv_tree measurements.height_to_break
INDUSTRIAL_FLAG	VC(1)	Nrv_tree_measurements.industrial_flag
LEAN_ANGLE	N(2)	Nrv_tree_measurements.lean_angle
LIFE_FORM	VC(2)	Nrv_tree_measurements.life_form
LIVE_DEAD	VC(1)	Nrv_tree_measurements.live_dead
LOG_DECAY_CLASS	VC(2)	Nrv_tree_measurements.log_decay_class
MERCH_CUBIC_VOLUME	NUMBER	**Computed.** Cubic foot volume of the merchantable portion of the tree (for R9, the sawtimber cubic foot volume).
NET_BOARD_VOLUME	NUMBER	**Not available yet.** Board foot volume of the tree after defect is deducted.
NET_CUBIC_VOLUME	NUMBER	**Not available yet.** Cubic foot volume of the whole tree after defect is deducted.

NRV_CLUSTER_PLOT_TREE_VM (cont.)

Name	Size	Description
NET_MERCH_CUBIC_VOLUME	NUMBER	**Not available yet.** Cubic volume of the merchantable portion of the tree after defect is deducted.
OFF_PLOT_FLAG	VC(1)	Nrv_tree_measurements.off_plot_flag
PLOT_BA_EQ	N(8,4)	**Computed.** The square feet of basal area per acre represented by this tree record for the lowest-level sample element (i.e. plot, subplot, etc.) on which it was measured. This value represents the expansion factor for the record. If this record represents multiple trees, this value is their total square feet of basal area per acre. *basal_area_equivalent = 0.005454*diamter²*tpa_equiv*
PLOT_TPA_EQ	N(10,5)	**Computed.** The number of trees per acre, at the plot level, this tree represents.
RECENT_MORTALITY_FLAG	VC(1)	Nrv_tree_measurements.recent_mortality_flag
REMOVAL_CODE	VC(3)	Nrv_tree_measurements.removal_code
REMOVAL_DATE	DATE	Nrv_tree_measurements.removal_date
SITE_INDEX	NUMBER	Nrv_site_indexes.site_index
SITE_INDEX_REF	VC(5)	Nrv_site_indexes.reference_no
SITE_TREE_FLAG	VC(1)	Nrv_tree_measurements.site_tree_flag
SNAG_DECAY_CLASS	VC(2)	Nrv_tree_measurements.snag_decay_class
SPECIES	VC(8)	Nrv_tree_measurements.species_symbol
HARDWOOD_SOFTWOOD	VC(4)	**Computed.** Valid values are "HARD" or "SOFT"
STEMS	N(3)	Nrv_tree_measurements.no_of_stems
STAND_SIZE	N(8,4)	Nrv_setting_measurements.setting_size
SUBGROUP	VC(4)	Nrv_tree_measurements.subgroup_code
TAG_ID	VC(5)	Nrv_tree_measurements.tag_id
TOPKILL_PERCENT	N(3)	Nrv_tree_measurements.topkill_percent
TREATMENT_OPTION_1	VC(2)	Nrv_tree_measurements.first_treatment_ option
TREATMENT_OPTION_2	VC(2)	Nrv_tree_measurements.second_treatment_ option
TREE_CLASS	VC(2)	Nrv_tree_measurements.tree_class
TREE_COUNT	N(4)	Nrv_tree_measurements.tree_count
TREE_FIA_STOCKING	NUMBER	**Computed.** Tree stocking using the FIA algorithm
TREE_STATUS	VC(1)	Nrv_tree_measurements.tree_status
UNIQUE_NO	N(5)	Nrv_tree_measurements.unique_No
WILDLIFE_USE	VC(2)	Nrv_tree_measurements.tree_usage
X_COORDINATE	N(7,2)	Nrv_tree_measurements.x_coordinate
Y_COORDINATE	N(7,2)	Nrv_tree_measurements.y_coordinate
YEAR_OF_DEATH	N(4)	Nrv_tree_measurements.year_of_death
YEAR_OF_ORIGIN	N(4)	Nrv_tree_measurements.year_of_origin

NRV_CLUSTER_PLOT_TREE_CV_WD_VM

Contains cluster level data, plot level data, tree level data, cover level data, and down woody data

Name	Size	Description
BROWNS_1HR	NUMBER	The number of 1-hour size class intersections tallied on the Brown's transect for this plot
BROWNS_10HR	NUMBER	The number of 10-hour size class intersections tallied on the Brown's transect for this plot
BROWNS_100HR	NUMBER	The number of 100-hour size class intersections tallied on the Brown's transect for this plot
BROWNS_1000HR	NUMBER	The number of 1000-hour size class intersections tallied on the Brown's transect for this downed woody piece (typically 1 since they are usually recorded individually)
BROWNS_1HR_TONS	NUMBER	**Computed.** Cluster 1-hour fuel tons per acre.
BROWNS_10HR_TONS	NUMBER	**Computed.** Cluster 10-hour fuel tons per acre.
BROWNS_100HR_TONS	NUMBR	**Computed.** Cluster 100-hour fuel tons per acre.
BROWNS_100HR_SOUND_TONS	NUMBER	**Computed.** Cluster 100-hour sound fuel tons per acre.
BROWNS_1000HR_SOUND_DIA_AVG	NUMBER	**Computed. Cluster 1000-hour sound average diameter.**
BROWNS_1000HR_ROTTEN_TONS	NUMBER	**Computed. Cluster 1000-hour rotten fuel tons per acre.**
BROWNS_1000HR_ROTTEN_DIA_AVG	NUMBER	**Computed. Cluster 1000-hour rotten average diameter.**
BROWNS_1HR_CUBIC	NUMBER	**Computed. Cluster 1-hour fuel cubic foot per acre.**
BROWNS_10HR_CUBIC	NUMBER	**Computed. Cluster 10-hour fuel cubic foot per acre.**
BROWNS_100HR_CUBIC	NUMBER	**Computed. Cluster 100-hour fuel cubic foot per acre.**
BROWNS_1000HR_SOUND_CUBIC	NUMBER	**Computed. Cluster 1000-hour sound fuel cubic foot per acre.**
BROWNS_1000HR_ROTTEN_CUBIC	NUMBER	**Computed. Cluster 1000-hour rotten fuel cubic foot per acre.**
BROWNS_DUFF_DEPTH_AVG	NUMBER	**Computed. Cluster average duff depth.**
BROWNS_DUFF_TONS_AVG	NUMBER	**Computed. The stand level average duff tons per acre estimate from a Brown's 1- or 2- sample point survey for duff. The estimate is derived using: duff tons/acre = (average duff depth * 10 tons/inch)**
BROWNS_FUEL_DEPTH_AVG	NUMBER	**Computed. Cluster average fuel depth.**
CLUSTR	VC(10)	**Nrv_setting_measurements.level_1_id**
COMPARTMENT	VC(10)	**Nrv_setting_measurements.compartment_no (not populated for most stand exam data)**

NRV_CLUSTER_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
CONSEC_PT_NUM	VC(8)	Nrv_setting_measurements.consec_pt_num
COUNTY	VC(3)	Nrv_setting_measurements.county
DISTRICT	VC(2)	Nrv_setting_measurements.district
FOREST_ADMIN	VC(2)	Nrv_setting_measurements.forest_admin
FOREST_PROC	VC(2)	Nrv_setting_measurements.forest_proc
GEOGRAPHICAL_AREA	VC(5)	Nrv_setting_measurements.geographical_area
HARDWOOD_SOFTWOOD	VC(4)	**Computed.** Valid values are "HARD" or "SOFT"
HEIGTH_TO_BREAK	NUMBER	Nrv_tree_measurements.height_to_break
LATITUDE_DEG	NUMBER	Nrv_setting_measurements.latitude_degree
LATITUDE_MIN	NUMBER	Nrv_setting_measurements.latitude_min
LATITUDE_SEC	NUMBER	Nrv_setting_measurements.latitude_sec
LAT_LON_DATUM	VC(8)	Nrv_setting_measurements.lat_lon_datum
LONGITUDE_DEG	NUMBER	Nrv_setting_measurements.longitude_deg
LONGITUDE_MIN	NUMBER	Nrv_setting_measurements.longitude_min
LONGITUDE_SEC	NUMBER	Nrv_setting_measurements.longitude_sec
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date
MEASUREMENT_NO	VC(2)	Nrv_setting_measurements.measurement_no
NFS_LAND_CLASS	VC(3)	Nrv_setting_measurements.nfs_land_class
PLOT	VC(10)	Nrv_setting_measurements.plot
PLS_MERIDIAN	VC(2)	Nrv_setting_measurements.meridian_code
PLS_RANGE	VC(5)	Nrv_setting_measurements.pls_range
PLS_SECTION	VC(2)	Nrv_setting_measurements.pls_section
PLS_SUBDIVISION	VC(4)	Nrv_setting_measurements.pls_subdivision
PLS_TOWNSHIP	VC(5)	Nrv_setting_measurements.pls_township
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
REGION_ADMIN	VC(2)	Nrv_setting_measurements.region_admin
REGION_PROC	VC(2)	Nrv_setting_measurements.region_proc
RESERVE_CLASS	VC(2)	Nrv_setting_measurements.reserve_class
RPA_LAND_CLASS	VC(2)	Nrv_setting_measurements.rpa_land_class
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id
STATE	VC(2)	Nrv_setting_measurements.state
STATE_PLANE_DATUM	VC(10)	Nrv_setting_measurements.state_plane_datum
STATE_PLANE_X	NUMBER	Nrv_setting_measurements.state_plane_x
STATE_PLANE_Y	NUMBER	Nrv_setting_measurements.state_plane_y
STATE_PLANE_ZONE	VC(10)	Nrv_setting_measurements.state_plane_zone
SUBCOMPARTMENT	VC(10)	Nrv_setting_measurements.subcompartment_no
SURVEY_UNIT	VC(2)	Nrv_setting_measurements.survey_Unit
UTM_DATUM	VC(10)	Nrv_setting_measurements.utm_datum
UTM_EASTING	NUMBER	Nrv_setting_measurements.utm_easting
UTM_NORTHING	NUMBER	Nrv_setting_measurements.utm_northing
UTM_ZONE	NUMBER	Nrv_setting_measurements.utm_zone
CLUSTER_AGE	NUMBER	Computed (System date – Stand_Origin_Year)
CLUSTER_AGENCY	VC(4)	Nrv_setting_measurements.agency
CLUSTER_ASPECT	N(3)	Nrv_setting_measurements.aspect

NRV_CLUSTER_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
CLUSTER_BA	NUMBER	**Computed.** Cluster basal area per acre. Live trees only.
CLUSTER_BIOMASS_STOCKING	NUMBER	**Not available yet.**
CLUSTER_BOARD_STOCKING	NUMBER	**Computed.** Cluster board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
CLUSTER_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
CLUSTER_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
CLUSTER_CN	VC(34)	Control number to link to the corresponding cluster record in Nrv_setting_measurements
CLUSTER_CORDS_STOCKING	NUMBER	**Not available yet.**
CLUSTER_CUBIC_STOCKING	NUMBER	**Computed.** Cluster cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
CLUSTER_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code

NRV_CLUSTER_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
CLUSTER_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
CLUSTER_EV	VC(10)	Nrv_setting_measurements.ev_code
CLUSTER_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
CLUSTER_FIA_EV_CALC	VC(10)	**Computed**. Forest type using the FIA algorithm
CLUSTER_FIA_TOTAL_STOCKING	NUMBER	**Computed.** Cluster trees stocking using the FIA algorithm
CLUSTER_FUEL_1HR	N(5,2)	Nrv_fuel_models.fuel_1hr
CLUSTER_FUEL_10HR	N(5,2)	Nrv_fuel_models.fuel_10hr
CLUSTER_FUEL_100HR	N(5,2)	Nrv_fuel_models.fuel_100hr
CLUSTER_FUEL_BED_DEPTH	N(5,2)	Nrv_fuel_models.fuel_bed_depth
CLUSTER_FUEL_MODEL	VC(3)	Nrv_fuel_models.fuel_model
CLUSTER_FUEL_MODEL_CODE	VC(10)	Nrv_fuel_models.fuel_model_code
CLUSTER_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
CLUSTER_HISTORY1	VC(6)	Nrv_setting_histories.history_code
CLUSTER_HISTORY2	VC(6)	Nrv_setting_histories.history_code
CLUSTER_HISTORY3	VC(6)	Nrv_setting_histories.history_code
CLUSTER_HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
CLUSTER_HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
CLUSTER_HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
CLUSTER_MERCH_CUBIC_STOCKING	NUMBER	**Not available yet.** Cluster cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
CLUSTER_NET_BOARD_STOCKING	NUMBER	**Not available yet.** Cluster board foot volume per acre, after defect has been detected. Live trees only.
CLUSTER_NET_CUBIC_STOCKING	NUMBER	**Not available yet. Cluster cubic foot volume per acre, after defect is deducted. Live trees only.**
CLUSTER_NET_MERCH_CU_STOCKING	NUMBER	**Not available yet. Cluster cubic foot volume per acre, of merchantable portion of tree after the defect is deducted. Live trees only.**

NRV_CLUSTER_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
CLUSTER_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
CLUSTER_ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_ origin
CLUSTER_OWNER	VC(4)	Nrv_setting_measurements.owner
CLUSTER_PV	VC(10)	Nrv_setting_measurements.pv_code
CLUSTER_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
CLUSTER_QMD	NUMBER	**Computed.** Cluster quadratic mean diameter. Live trees only.
CLUSTER_SDI	NUMBER	**Computed.** Cluster stand density index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
CLUSTER_SEEDLINGS	NUMBER	**Computed.** Cluster number of trees per acre. This value only includes live trees less than 4.5 ft. tall.
CLUSTER_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
CLUSTER_SITE_INDEX_CALC	NUMBER	**Computed.** Cluster site index
CLUSTER_SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
CLUSTER_SITE_INDEX_REF_CALC	VC(5)	**Computed.** Reference used in the cluster_site_index_calc field. This value is determined from cluster_site_index_species, Region, and Forest
CLUSTER_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
CLUSTER_SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10: the site species with the plurality of basal area in the plot. For Regions 2, 3, and 4, the RMSTAND algorithm is used
CLUSTER_SIZE	N(8,4)	Nrv_setting_measurements.size
CLUSTER_SLOPE	N(3)	Nrv_setting_measurements.slope
CLUSTER_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
CLUSTER_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
CLUSTER_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
CLUSTER_STRATUM	VC(6)	Nrv_setting_measurements.stratum
CLUSTER_STRATUM_EXPANSION_FAC	N(9,1)	Nrv_setting_measurements.stratum_expansion _factor
CLUSTER_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
CLUSTER_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
CLUSTER_TPA	NUMBER	**Computed.** The cluster number of trees per acre. Live trees only.
CLUSTER_VSS	VC(6)	**Computed**. vegetation structural stage Regions 2, 3 and 4 only
PLOT_AGE	NUMBER	**Computed**. (System date – Stand_Origin_Year)
PLOT_ASPECT	N(3)	Nrv_setting_measurements.aspect

NRV_CLUSTER_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
PLOT_BA	NUMBER	**Computed.** The plot basal area per acre. Live trees only.
PLOT_BIOMASS_STOCKING	NUMBER	**Not yet available**
PLOT_BOARD_STOCKING	NUMBER	**Computed.** Plot board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
PLOT_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
PLOT_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
PLOT_CN	VC(34)	Plot level control number of the Nrv_setting_measurements
PLOT_CORDS_STOCKING	NUMBER	**Not yet available**
PLOT_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
PLOT_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent

NRV_CLUSTER_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
PLOT_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
PLOT_EV	VC(10)	Nrv_setting_measurements.ev_code
PLOT_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
PLOT_FUEL_1HR	N(5,2)	Nrv_fuel_models.fuel_1hr
PLOT_FUEL_10HR	N(5,2)	Nrv_fuel_models.fuel_10hr
PLOT_FUEL_100HR	N(5,2)	Nrv_fuel_models.fuel_100hr
PLOT_FUEL_BED_DEPTH	N(5,2)	Nrv_fuel_models.fuel_bed_depth
PLOT_FUEL_MODEL	VC(3)	Nrv_fuel_models.fuel_model
PLOT_FUEL_MODEL_CODE	VC(10)	Nrv_fuel_models.fuel_model_code
PLOT_HISTORY1	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY2	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY3	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
PLOT_MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
PLOT_NET_BOARD_STOCKING	NUMBER	**Not available yet.** Plot board foot volume per acre, after defect has been detected. Live trees only.
PLOT_NET_CUBIC_STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre, after defect is deducted. Live trees only.
PLOT_NET_MERCH_CUBIC_STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
PLOT_ORIGIN	VC(2)	Nrv_setting_measurements.setting_Origin
PLOT_ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_Year_of_ Origin
PLOT_PV	VC(10)	Nrv_setting_measurements.pv_code
PLOT_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
PLOT_QMD	NUMBER	**Computed**. Plot quadratic mean diameter. Live trees only.
PLOT_SDI	NUMBER	**Computed.** Plot Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
PLOT_SEEDLINGS	NUMBER	**Computed.** Plot number of trees per acre, nly includes live trees less than 4.5 ft tall.
PLOT_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
PLOT_SITE_INDEX_CALC	NUMBER	**Computed.** Plot site index

NRV_CLUSTER_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
PLOT_SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
PLOT_SITE_INDEX_REF_CALC	VC(5)	**Computed.** Reference used in the plot_site_index_calc field. This value is determined from plot_site_index_species, Region, and Forest
PLOT_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
PLOT_SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10: the site species with the plurality of basal area in the plot. For Regions 2, 3, and 4, the RMSTAND algorithm is used
PLOT_SLOPE	N(3)	Nrv_setting_measurements.slope
PLOT_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
PLOT_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
PLOT_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
PLOT_STRATUM	VC(6)	Nrv_setting_measurements.stratum
PLOT_STRATUM_EXPANSION_ FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion_ factor
PLOT_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
PLOT_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
PLOT_TPA	NUMBER	**Computed.** Plot number of trees per acre. Live trees only.
RECORD_CN	VC(34)	Control number of the Nrv_tree_measurements record.
TREE_AGE	NUMBER	Nrv_tree_measurements.age
TREE_ANNUAL_HT_GROWTH	NUMBER	Nrv_tree_measurements.height_growth
TREE_ANNUAL_RADIAL_GROWTH	NUMBER	Nrv_tree_measurements.radial_growth
TREE_AZIMUTH	NUMBER	Nrv_tree_measurements.azimuth
TREE_BA	NUMBER	The basal area of the tree, in square feet. BA = 0.005454*diameter2
TREE_BARE_TOP_PERCENT	NUMBER	Nrv_tree_measurements.bare_top_percent
TREE_BIOMASS	NUMBER	**Not available yet.**
TREE_BOARD_VOLUME	NUMBER	**Computed.** Tree board foot volume (for R9, the sawtimber board foot volume).
TREE_CLASS	VC(2)	Nrv_Tree_measurements.tree_class
TREE_CLUSTER_BA_EQ	NUMBER	**Computed.** Cluster basal area per acre, this tree represents.
TREE_CLUSTER_TPA_EQ	NUMBER	**Computed.** Cluster number of trees per acre, this tree represents.
TREE_CONE_SEROTINY	VC(2)	Nrv_tree_measurements.cone_serotiny
TREE_CORDS	NUMBER	**Not available yet.**
TREE_COUNT	NUMBER	Nrv_tree_measurements.tree_count
TREE_CR	NUMBER	Nrv_tree_measurements.crown_ratio
TREE_CROWN_BASE_HEIGHT	NUMBER	Nrv_tree_measurements.crown_base_Height
TREE_CROWN_CLASS	VC(2)	Nrv_tree_measurements.crown_class
TREE_CROWN_LENGTH	NUMBER	Nrv_tree_measurements.crown_length
TREE_CROWN_WIDTH	NUMBER	Nrv_tree_measurements.crown_width
TREE_CUBIC_VOLUME	NUMBER	**Computed.** Cubic foot volume of the whole tree (for R9, the pulp cubic foot volume).
TREE_DBH	NUMBER	Nrv_tree_measurements.diameter

NRV_CLUSTER_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
TREE_DEADWOOD_PERCENT	NUMBER	Nrv_tree_measurements.deadwood_Percent
TREE_DIAMETER	NUMBER	Nrv_tree_measurements.diameter (diameter measured at DBH or DRC, whichever value is not NULL)
TREE_DISTANCE	NUMBER	Nrv_tree_measurements.distance
TREE_DISTURB_AGENT1	VC(3)	Nrv_tree_disturbances.agent_code
TREE_DISTURB_AGENT2	VC(3)	Nrv_tree_disturbances.agent_code
TREE_DISTURB_AGENT3	VC(3)	Nrv_tree_disturbances.agent_code
TREE_DISTURB_AGENT4	VC(3)	Nrv_tree_disturbances.agent_code
TREE_DISTURB_AGENT5	VC(3)	Nrv_tree_disturbances.agent_code
TREE_DISTURB_AGENT_SEV1	VC(3)	Nrv_tree_disturbances.severity_rating_code
TREE_DISTURB_AGENT_SEV2	VC(3)	Nrv_tree_disturbances.severity_rating_code
TREE_DISTURB_AGENT_SEV3	VC(3)	Nrv_tree_disturbances.severity_rating_code
TREE_DISTURB_AGENT_SEV4	VC(3)	Nrv_tree_disturbances.severity_rating_code
TREE_DISTURB_AGENT_SEV5	VC(3)	Nrv_tree_disturbances.severity_rating_code
TREE_DISTURB_CATEGORY1	VC(2)	Nrv_tree_disturbances.category_code
TREE_DISTURB_CATEGORY2	VC(2)	Nrv_tree_disturbances.category_code
TREE_DISTURB_CATEGORY3	VC(2)	Nrv_tree_disturbances.category_code
TREE_DISTURB_CATEGORY4	VC(2)	Nrv_tree_disturbances.category_code
TREE_DISTURB_CATEGORY5	VC(2)	Nrv_tree_disturbances.category_code
TREE_DISTURB_DATE1	DATE	Nrv_tree_disturbances.disturbance_date
TREE_DISTURB_DATE2	DATE	Nrv_tree_disturbances.disturbance_date
TREE_DISTURB_DATE3	DATE	Nrv_tree_disturbances.disturbance_date
TREE_DISTURB_DATE4	DATE	Nrv_tree_disturbances.disturbance_date
TREE_DISTURB_DATE5	DATE	Nrv_tree_disturbances.disturbance_date
TREE_DISTURB_EFFECT1	VC(3)	Nrv_tree_disturbances.effect_code
TREE_DISTURB_EFFECT2	VC(3)	Nrv_tree_disturbances.effect_code
TREE_DISTURB_EFFECT3	VC(3)	Nrv_tree_disturbances.effect_code
TREE_DISTURB_EFFECT4	VC(3)	Nrv_tree_disturbances.effect_code
TREE_DISTURB_EFFECT5	VC(3)	Nrv_tree_disturbances.effect_code
TREE_DISTURB_EFFECT_SEV1	VC(3)	Nrv_tree_disturbances.effect_severity
TREE_DISTURB_EFFECT_SEV2	VC(3)	Nrv_tree_disturbances.effect_severity
TREE_DISTURB_EFFECT_SEV3	VC(3)	Nrv_tree_disturbances.effect_severity
TREE_DISTURB_EFFECT_SEV4	VC(3)	Nrv_tree_disturbances.effect_severity
TREE_DISTURB_EFFECT_SEV5	VC(3)	Nrv_tree_disturbances.effect_severity
TREE_DISTURB_TREE_PART1	VC(2)	Nrv_tree_disturbances.tree_part_code
TREE_DISTURB_TREE_PART2	VC(2)	Nrv_tree_disturbances.tree_part_code
TREE_DISTURB_TREE_PART3	VC(2)	Nrv_tree_disturbances.tree_part_code
TREE_DISTURB_TREE_PART4	VC(2)	Nrv_tree_disturbances.tree_part_code
TREE_DISTURB_TREE_PART5	VC(2)	Nrv_tree_disturbances.tree_part_code
TREE_DOWN_FLAG	VC(1)	Nrv_tree_measurements.down_flag
TREE_DRC	NUMBER	Nrv_tree_measurements.diameter
TREE_DRC_STEMS	NUMBER	Nrv_tree_measurements.no_of_stems
TREE_FIA_STOCKING	NUMBER	**Computed.** Tree stocking using the FIA algorithm
TREE_GROWTH_FORM	VC(2)	Nrv_tree_measurements.growth_form

NRV_CLUSTER_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
TREE_HEIGHT	NUMBER	Nrv_tree_measurements.height **OR computed** if height is missing
TREE_HEIGHT_METHOD	VC(7)	Nrv_tree Measurements.height_method **OR** set to 'C' if height is calculated
TREE_HEIGHT_TOPKILL	NUMBER	Nrv_tree_measurements.height_topkill
TREE_INDUSTRIAL_FLAG	VC(1)	Nrv_tree_measurements.industrial_flag
TREE_LEAN_ANGLE	NUMBER	Nrv_tree_measurements.lean_angle
TREE_LIFE_FORM	VC(2)	Nrv_tree_measurements.life_form
TREE_LIVE_DEAD	VC(1)	Nrv_tree_measurements.live_dead
TREE_LOG_DECAY_CLASS	VC(2)	Nrv_tree_measurements.log_decay_class
TREE_MERCH_CUBIC_VOLUME	NUMBER	**Computed.** Cubic foot volume of the merchantable portion of the tree (for R9, the sawtimber cubic foot volume).
TREE_NET_BOARD_VOLUME	NUMBER	**Not available yet.** Board foot volume of the tree after defect is deducted.
TREE_NET_CUBIC_VOLUME	NUMBER	**Not available yet.** Cubic foot volume of the whole tree after defect is deducted.
TREE_NET_MERCH_CUBIC_VOLUME	NUMBER	**Not available yet.** Cubic volume of the merchantable portion of the tree after defect is deducted.
TREE_OFF_PLOT_FLAG	VC(1)	Nrv_tree_measurements.off_plot_flag
TREE_PLOT_BA_EQ	NUMBER	Square feet of basal area per acre represented by this tree record for the lowest-level sample element (i.e. plot, subplot, etc.) on which it was measured. This value represents the expansion factor for the record. If this record represents multiple trees, this value is their total square feet of basal area per acre. *basal_area_equivalent = 0.005454*diamter^2*tpa_equiv*
TREE_PLOT_TPA_EQ	NUMBER	**Computed.** Plot level number of trees per acre, this tree represents.
TREE_RECENT_MORTALITY_FLAG	VC(1)	Nrv_tree_measurements.recent_mortality_flag
TREE_REMOVAL_CODE	VC(3)	Nrv_tree_measurements.removal_code
TREE_REMOVAL_DATE	DATE	Nrv_tree_measurements.removal_date
TREE_SITE_INDEX	NUMBER	Nrv_site_indexes.site_index
TREE_SITE_INDEX_REF	VC(5)	Nrv_site_indexes.reference_no
TREE_SITE_TREE_FLAG	VC(1)	Nrv_tree_measurements.site_tree_flag
TREE_SNAG_DECAY_CLASS	VC(2)	Nrv_tree_measurements.snag_decay_class
TREE_SPECIES	VC(8)	Nrv_tree_measurements.species_symbol
HARDWOOD_SOFTWOOD	VC(4)	**Computed.** Valid values are "HARD" or "SOFT"
TREE_STATUS	VC(1)	Nrv_tree_measurements.tree_status
TREE_SUBGROUP	VC(4)	Nrv_tree_measurements.subgroup_code
TREE_TAG_ID	VC(5)	Nrv_tree_measurements.tag_id
TREE_TOPKILL_PERCENT	N	Nrv_tree_measurements.topkill_percent
TREE_TREATMENT_OPTION_1	VC(2)	Nrv_tree_measurements.first_treatment_option
TREE_TREATMENT_OPTION_2	VC(2)	Nrv_tree_measurements.second_treatment_ option

NRV_CLUSTER_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
TREE_UNIQUE_NO	NUMBER	Nrv_tree_measurements.unique_no
TREE_WILDLIFE_USE	VC(2)	Nrv_tree_measurements.tree_usage
TREE_X_COORDINATE	NUMBER	Nrv_tree_measurements.x_coordinate
TREE_Y_COORDINATE	NUMBER	Nrv_tree_measurements.y_coordinate
TREE_YEAR_OF_DEATH	NUMBER	Nrv_tree_measurements.year_of_death
TREE_YEAR_OF_ORIGIN	NUMBER	Nrv_tree_measurements.year_of_origin
COVER_AGE	NUMBER	Nrv_cover_measurements.age
COVER_AGE_METHOD	VC(2)	Nrv_cover_measurements.age_method
COVER_DRY_WT	NUMBER	Nrv_cover_measurements.dry_wt
COVER_DRY_WT_FACTOR	NUMBER	Nrv_cover_measurements.dry_wt_factor
COVER_FORAGE_CLASS	VC(4)	Nrv_cover_measurements.forage_class
COVER_FORAGE_PERCENT	NUMBER	Nrv_cover_measurements.forage_percent
COVER_GREEN_WT	NUMBER	Nrv_cover_measurements.green_wt
COVER_GROWTH_FORM	VC(2)	Nrv_cover_measurements.growth_form
COVER_HEIGHT	NUMBER	Nrv_cover_measurements.height
COVER_HEIGHT_MAX	NUMBER	Nrv_cover_measurements.height_max
COVER_HEIGHT_MIN	NUMBER	Nrv_cover_measurements.height_min
COVER_INDICATOR_SPECIES_FLAG	VC(1)	Nrv_cover_measurements.indicator_species_flag
COVER_INTERCEPT	NUMBER	Nrv_cover_measurements.intercept
COVER_ITEM_COUNT	NUMBER	Nrv_cover_measurements.item_count
COVER_LAYER	VC(3)	Nrv_cover_measurements.layer
COVER_LAYER_CODE_LOCAL	VC(2)	Nrv_cover_measurements.layer_code_local
COVER_LIFEFORM	VC(2)	Nrv_cover_measurements.lifeform
COVER_LIVE_DEAD	VC(1)	Nrv_cover_measurements.live_dead
COVER_METHOD	VC(2)	Nrv_cover_measurements.cover_method
COVER_PERCENT	NUMBER	Nrv_cover_measurements.cover_percent
COVER_PHENOLOGY_CLASS	VC(2)	Nrv_cover_measurements.phenology_class
COVER_PRESENCE_FLAG	VC(1)	Nrv_cover_measurements.presence_flag
COVER_SHRUB_AGE_CLASS	VC(2)	Nrv_cover_measurements.shrub_age_class
COVER_SHRUB_FORM_CLASS	VC(4)	Nrv_cover_measurements.shrub_form_class
COVER_SPA_EQUIV	NUMBER	Nrv_cover_measurements.spa_equiv
COVER_SPECIES	VC(8)	Nrv_cover_measurements.species_symbol
COVER_SUBGROUP_CODE	VC(4)	Nrv_cover_measurements.subgroup_code
COVER_SURFACE_CODE	VC(4)	Nrv_cover_measurements.surface_cover_code
COVER_TAG_ID	VC(5)	Nrv_cover_measurements.tag_id
COVER_VOUCHER_FLAG	VC(1)	Nrv_cover_measurements.voucher_flag
WOOD_DECAY_CLASS	VC(2)	Nrv_down_woody_measurements.decay_class
WOOD_DEPTH	NUMBER	Nrv_down_woody_measurements.depth
WOOD_DEPTH2	NUMBER	Nrv_down_woody_measurements.depth2
WOOD_DIAMETER	NUMBER	Nrv_down_woody_measurements.diameter
WOOD_DIAMETER_LARGE_END	NUMBER	Nrv_down_woody_measurements.diameter_large_end
WOOD_DIAMETER_SMALL_END	NUMBER	Nrv_down_woody_measurements.diameter_small_end
WOOD_FUEL_BED_DEPTH	NUMBER	Nrv_down_woody_measurements.fuel_bed_depth
WOOD_HUMUS_DEPTH	NUMBER	Nrv_down_woody_measurements.humus_depth

NRV_CLUSTER_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
WOOD_LENGTH	NUMBER	Nrv_down_woody_measurements.length
WOOD_NO_OF_PIECES	NUMBER	Nrv_down_woody_measurements.no_of_pieces
WOOD_SPECIES	VC(8)	Nrv_down_woody_measurements.species_symbol
WOOD_SUBGROUP_CODE	VC(4)	Nrv_down_woody_measurements.subgroup_code
WOOD_VOLUME	NUMBER	Nrv_down_woody_measurements.volume
WOOD_WEIGHT	NUMBER	Nrv_down_woody_measurements.weight

NRV_CLUSTER_PLOT_WOOD_VM

Contains cluster level, plot level, and down woody data.

Name	Size	Description
CLUSTER_CN ***Required***	VC(34)	The control number of the Nrv_setting_measurements record corresponding to the cluster level record.
BROWNS_1HR	NUMBER	The number of 1-hour size class intersections tallied on the Brown's transect for this plot
BROWNS_10HR	NUMBER	The number of 10-hour size class intersections tallied on the Brown's transect for this plot
BROWNS_100HR	NUMBER	The number of 100-hour size class intersections tallied on the Brown's transect for this plot
BROWNS_1000HR	NUMBER	The number of 1000-hour size class intersections tallied on the Brown's transect for this downed woody piece (typically 1 since they are usually recorded individually)
BROWNS_1HR_TONS	NUMBER	**Computed.** Cluster 1-hour fuel tons per acre.
BROWNS_10HR_TONS	NUMBER	**Computed.** Cluster 10-hour fuel tons per acre.
BROWNS_100HR_TONS	NUMBER	**Computed.** Cluster 100-hour fuel tons per acre.
BROWNS_1000HR_SOUND_TONS	NUMBER	**Computed.** Cluster 1000-hour sound fuel tons per acre.
BROWNS_1000HR_ROTTEN_TONS	NUMBER	**Computed.** Cluster 1000-hour rotten fuel tons per acre.
BROWNS_1HR_CUBIC	NUMBER	**Computed.** Cluster 1-hour fuel cubic foot per acre.
BROWNS_10HR_CUBIC	NUMBER	**Computed.** Cluster 10-hour fuel cubic foot per acre.
BROWNS_100HR_CUBIC	NUMBER	**Computed.** Cluster 100-hour fuel cubic foot per acre.
BROWNS_1000HR_SOUND_CUBIC	NUMBER	**Computed.** Cluster 1000-hour sound fuel cubic foot per acre.
BROWNS_1000HR_ROTTEN_CUBIC	NUMBER	**Computed.** Cluster 1000-hour rotten fuel cubic foot per acre.
BROWNS_DUFF_DEPTH_AVG	NUMBER	**Computed.** Cluster average duff depth.

NRV_CLUSTER_PLOT_WOOD_VM (cont.)

Name	Size	Description
BROWNS_DUFF_TONS_AVG	NUMBER	**Computed.** The stand level average duff tons per acre estimate from a Brown's 1- or 2-sample point survey for duff. The estimate is derived using: duff tons/acre = (average duff depth * 10 tons/inch)
BROWNS_FUEL_DEPTH_AVG	NUMBER	**Computed.** Cluster average fuel depth.
CLUSTR	VC(10)	Nrv_setting_measurements.level_1_id
COMPARTMENT	VC(10)	Nrv_setting_measurements.compartment_no (not populated for most stand exam data)
CONSEC_PT_NUM	VC(8)	Nrv_setting_measurements.consec_pt_num
COUNTY	VC(3)	Nrv_setting_measurements.county
DISTRICT	VC(2)	Nrv_setting_measurements.district
FOREST_ADMIN	VC(2)	Nrv_setting_measurements.forest_admin
FOREST_PROC	VC(2)	Nrv_setting_measurements.forest_proc
GEOGRAPHICAL_AREA	VC(5)	Nrv_setting_measurements.geographical_area
LATITUDE_DEG	NUMBER	Nrv_setting_measurements.latitude_degree
LATITUDE_MIN	NUMBER	Nrv_setting_measurements.latitude_min
LATITUDE_SEC	NUMBER	Nrv_setting_measurements.latitude_sec
LAT_LON_DATUM	VC(8)	Nrv_setting_measurements.lat_lon_datum
LONGITUDE_DEG	NUMBER	Nrv_setting_measurements.longitude_deg
LONGITUDE_MIN	NUMBER	Nrv_setting_measurements.longitude_min
LONGITUDE_SEC	NUMBER	Nrv_setting_measurements.longitude_sec
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date
MEASUREMENT_NO	VC(2)	Nrv_setting_measurements.measurement_no
NFS_LAND_CLASS	VC(3)	Nrv_setting_measurements.nfs_land_class
PLOT	VC(10)	Nrv_setting_measurements.plot
PLOT_CN	VC(34)	The control number of the Nrv_setting_measurements record corresponding to the plot level.
PLS_MERIDIAN	VC(2)	Nrv_setting_measurements.meridian_code
PLS_RANGE	VC(5)	Nrv_setting_measurements.pls_range
PLS_SECTION	VC(2)	Nrv_setting_measurements.pls_section
PLS_SUBDIVISION	VC(4)	Nrv_setting_measurements.pls_subdivision
PLS_TOWNSHIP	VC(5)	Nrv_setting_measurements.pls_township
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
REGION_ADMIN	VC(2)	Nrv_setting_measurements.region_admin
REGION_PROC	VC(2)	Nrv_setting_measurements.region_proc
RESERVE_CLASS	VC(2)	Nrv_setting_measurements.reserve_class
RPA_LAND_CLASS	VC(2)	Nrv_setting_measurements.rpa_land_class
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id
STATE	VC(2)	Nrv_setting_measurements.state
STATE_PLANE_DATUM	VC(10)	Nrv_setting_measurements.state_plane_datum
STATE_PLANE_X	NUMBER	Nrv_setting_measurements.state_plane_x
STATE_PLANE_Y	NUMBER	Nrv_setting_measurements.state_plane_y
STATE_PLANE_ZONE	VC(10)	Nrv_setting_measurements.state_plane_zone

NRV_CLUSTER_PLOT_WOOD_VM (cont.)

Name	Size	Description
SUBCOMPARTMENT	VC(10)	Nrv_setting_measurements.subcompartment_no
SURVEY_UNIT	VC(2)	Nrv_setting_measurements.survey_unit
UTM_DATUM	VC(10)	Nrv_setting_measurements.utm_datum
UTM_EASTING	NUMBER	Nrv_setting_measurements.utm_easting
UTM_NORTHING	NUMBER	Nrv_setting_measurements.utm_northing
UTM_ZONE	NUMBER	Nrv_setting_measurements.utm_zone
CLUSTER_AGE	NUMBER	**Computed.** (System date – Stand_Origin_Year)
CLUSTER_AGENCY	VC(4)	Nrv_setting_measurements.agency
CLUSTER_ASPECT	N(3)	Nrv_setting_measurements.aspect
CLUSTER_BA	NUMBER	**Computed**. Cluster basal area per acre. Live trees only.
CLUSTER_BIOMASS_STOCKING	NUMBER	**Not available yet**.
CLUSTER_BOARD_STOCKING	NUMBER	**Computed.** Cluster board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
CLUSTER_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
CLUSTER_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
CLUSTER_CORDS_STOCKING	NUMBER	**Not available yet.**
CLUSTER_CUBIC_STOCKING	NUMBER	**Computed.** The cluster cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
CLUSTER_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
CLUSTER_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
CLUSTER_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
CLUSTER_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
CLUSTER_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
CLUSTER_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code

NRV_CLUSTER_PLOT_WOOD_VM (cont.)

Name	Size	Description
CLUSTER_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
CLUSTER_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
CLUSTER_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
CLUSTER_EV	VC(10)	Nrv_setting_measurements.ev_code
CLUSTER_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
CLUSTER_FIA_EV_CALC	VC(10)	**Computed**. Forest type using the FIA algorithm
CLUSTER_FIA_TOTAL_STOCKING	NUMBER	**Computed.** Cluster trees stocking using the FIA algorithm
CLUSTER_FUEL_1HR	N(5,2)	Nrv_fuel_models.fuel_1hr
CLUSTER_FUEL_10HR	N(5,2)	Nrv_fuel_models.fuel_10hr
CLUSTER_FUEL_100HR	N(5,2)	Nrv_fuel_models.fuel_100hr
CLUSTER_FUEL_BED_DEPTH	N(5,2)	Nrv_fuel_models.fuel_bed_depth
CLUSTER_FUEL_MODEL	VC(3)	Nrv_fuel_models.fuel_model
CLUSTER_FUEL_MODEL_CODE	VC(10)	Nrv_fuel_models.fuel_model_code
CLUSTER_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
CLUSTER_HISTORY1	VC(6)	Nrv_setting_histories.history_code
CLUSTER_HISTORY2	VC(6)	Nrv_setting_histories.history_code
CLUSTER_HISTORY3	VC(6)	Nrv_setting_histories.history_code
CLUSTER_HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
CLUSTER_HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
CLUSTER_HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
CLUSTER_MERCH_CUBIC_STOCKING	NUMBER	Computed. Cluster cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
CLUSTER_NET_BOARD_STOCKING	NUMBER	Not available yet. Cluster board foot volume per acre, after defect has been detected. Live trees only.
CLUSTER_NET_CUBIC_STOCKING	NUMBER	Not available yet. Cluster cubic foot volume per acre, after defect is deducted. Live trees only.
CLUSTER_NET_MERCH_CU_STOCKING	NUMBER	Not available yet. Cluster cubic foot volume per acre, after defect has been detected. Live trees only.
CLUSTER_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
CLUSTER_ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_origin
CLUSTER_OWNER	VC(4)	Nrv_setting_measurements.owner

NRV_CLUSTER_PLOT_WOOD_VM (cont.)

Name	Size	Description
CLUSTER_PV	VC(10)	Nrv_setting_measurements.pv_code
CLUSTER_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
CLUSTER_QMD	NUMBER	**Computed.** Cluster quadratic mean diameter. Live trees only.
CLUSTER_SDI	NUMBER	**Computed.** Cluster Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
CLUSTER_SEEDLINGS	NUMBER	**Computed.** Cluster number of trees per acre. This value only live includes trees less than 4.5 ft. tall.
CLUSTER_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
CLUSTER_SITE_INDEX_CALC	NUMBER	**Computed.** Cluster site index
CLUSTER_SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
CLUSTER_SITE_INDEX_REF_CALC	VC(5)	**Computed.** Reference used in the cluster_site_index_calc field. This value is determined from cluster_site_index_species, Region, and Forest
CLUSTER_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
CLUSTER_SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10: the site species with the plurality of basal area in the plot. For Regions 2, 3, and 4, the RMSTAND algorithm is used
CLUSTER_SIZE	N(8,4)	Nrv_setting_measurements.size
CLUSTER_SLOPE	N(3)	Nrv_setting_measurements.slope
CLUSTER_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
CLUSTER_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
CLUSTER_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
CLUSTER_STRATUM	VC(6)	Nrv_setting_measurements.stratum
CLUSTER_STRATUM_EXPANSION_FAC	N(9,1)	Nrv_setting_measurements.stratum_expansion_factor
CLUSTER_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
CLUSTER_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
CLUSTER_TPA	NUMBER	Computed. Cluster number of trees per acre. Live trees only.
CLUSTER_VSS	VC(6)	Computed. Vegetation structural stage for Regions 2, 3 and 4 only.
PLOT_AGE	NUMBER	Computed. (System date – Stand_Origin_Year)
PLOT_ASPECT	N(3)	Nrv_setting_measurements.aspect
PLOT_BA	NUMBER	Computed. Plot basal area per acre. Live trees only.
PLOT_BIOMASS_STOCKING	NUMBER	Not yet available
PLOT_BOARD_STOCKING	NUMBER	Computed. Plot board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.

NRV_CLUSTER_PLOT_WOOD_VM (cont.)

Name	Size	Description
PLOT_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
PLOT_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
PLOT_CORDS_STOCKING	NUMBER	**Not yet available**.
PLOT_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
PLOT_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
PLOT_EV	VC(10)	Nrv_setting_measurements.ev_code
PLOT_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code

NRV_CLUSTER_PLOT_WOOD_VM (cont.)

Name	Size	Description
PLOT_FUEL_1HR	N(5,2)	Nrv_fuel_models.fuel_1hr
PLOT_FUEL_10HR	N(5,2)	Nrv_fuel_models.fuel_10hr
PLOT_FUEL_100HR	N(5,2)	Nrv_fuel_models.fuel_100hr
PLOT_FUEL_BED_DEPTH	N(5,2)	Nrv_fuel_models.fuel_bed_depth
PLOT_FUEL_MODEL	VC(3)	Nrv_fuel_models.fuel_model
PLOT_FUEL_MODEL_CODE	VC(10)	Nrv_fuel_models.fuel_model_code
PLOT_HISTORY1	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY2	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY3	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
PLOT_MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
PLOT_NET_BOARD_STOCKING	NUMBER	**Not available yet.** Plot board foot volume per acre, after defect has been detected. Live trees only.
PLOT_NET_CUBIC_STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre, after defect is deducted. Live trees only.
PLOT_NET_MERCH_CUBIC_STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
PLOT_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
PLOT_ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_ origin
PLOT_PV	VC(10)	Nrv_setting_measurements.pv_code
PLOT_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
PLOT_QMD	NUMBER	**Computed**. Plot quadratic mean diameter. Live trees only.
PLOT_SDI	NUMBER	**Computed.** Plot Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
PLOT_SEEDLINGS	NUMBER	**Computed. Plot number of trees per acre. This value only includes live trees less than 4.5 ft tall.**
PLOT_SITE_INDEX	N(4,1)	**Nrv_site_indexes.site_index**
PLOT_SITE_INDEX_CALC	NUMBER	**Computed. Plot site index**
PLOT_SITE_INDEX_REF	VC(3)	**Nrv_site_indexes.reference_no**
PLOT_SITE_INDEX_REF_CALC	VC(5)	**Computed. Reference used in the plot_site_index_calc field. This value is determined from plot_site_index_species, Region, and Forest**

NRV_CLUSTER_PLOT_WOOD_VM (cont.)

Name	Size	Description
PLOT_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
PLOT_SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10: the site species with the plurality of basal area in the plot. For Regions 2, 3, and 4, the RMSTAND algorithm is used
PLOT_SLOPE	N(3)	Nrv_setting_measurements.slope
PLOT_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
PLOT_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
PLOT_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
PLOT_STRATUM	VC(6)	Nrv_setting_measurements.stratum
PLOT_STRATUM_EXPANSION_FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion_factor
PLOT_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
PLOT_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
PLOT_TPA	NUMBER	**Computed.** Plot number of trees per acre. Live trees only.
WOOD_CN	VC(34)	Control number of the Nrv_down_woody_measurements record.
WOOD_DECAY_CLASS	VC(2)	Nrv_down_woody_measurements.decay_class
WOOD_DEPTH	N(6,3)	Nrv_down_woody_measurements.depth
WOOD_DEPTH2	N(6,3)	Nrv_down_woody_measurements.depth2
WOOD_DIAMETER	N(6,3)	Nrv_down_woody_measurements.diameter
WOOD_DIAMETER_LARGE_END	N(6,3)	Nrv_down_woody_measurements.diameter_large_end
WOOD_DIAMETER_SMALL_END	N(6,3)	Nrv_down_woody_measurements.diameter_small_end
WOOD_FUEL_BED_DEPTH	N(6,3)	Nrv_down_woody_measurements.fuel_bed_depth
WOOD_HUMUS_DEPTH	N(6,3)	Nrv_down_woody_measurements.humus_depth
WOOD_LENGTH	N(6,3)	Nrv_down_woody_measurements.length
WOOD_NO_OF_PIECES	N(3)	Nrv_down_woody_measurements.no_of_pieces
WOOD_SPECIES	VC(8)	Nrv_down_woody_measurements.species_symbol
WOOD_SUBGROUP_CODE	VC(4)	Nrv_down_woody_measurements.subgroup_code
WOOD_VOLUME	N(10,3)	Nrv_down_woody_measurements.volume
WOOD_WEIGHT	N(8,3)	Nrv_down_woody_measurements.weight

NRV_CN_LIST_INFO_VM

Supports the list editor.

Name	Size	Description
CN ***Required***	VC(34)	Nrv_setting_measurements.cn
LIST_METADATA_FK ***Required***	VC(34)	Nrv_list_metadata.list_metadata_cn
DISTRICT_NO	VC(2)	Nrv_setting_measurements.district_no
EV_CODE	VC(10)	Nrv_setting_measurements.ev_code
FOREST_ADMIN	VC(2)	Nrv_setting_measurements.forest_code
FOREST_PROC	VC(2)	Nrv_setting_measurements.forest_proc
LEVEL_1_ID	VC(4)	Nrv_setting_measurements.lpad(trm(level_1_id),4,'0')
LOCATION	VC(16)	Nrv_setting_measurements.location
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date
MEASUREMENT_NO	VC(4)	Nrv_setting_measurements.measurement_no
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
PURPOSE_CODE	VC(4)	Nrv_setting_measurements.purpose_code
REGION_ADMIN	VC(2)	Nrv_setting_measurements.region_admin
REGION_PROC	VC(2)	Nrv_setting_measurements.region_proc
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id

NRV_COVER_SUMMARY_VM

Used to support the cover reports.

Name	Size	Description
AVE_AGE	NUMBER	**Computed**. Average age for the stratum delineated by the unique values from a combination of the ten columns from data_type to user_field. Averaged across all plots (child setting records) on which non-NULL age values for this stratum exist.
AVG_COVER	NUMBER	**Computed**. Average percent cover for the stratum delineated by the unique values from a combination of the ten columns from data_type to user_field. Averaged across all plots (child setting records) on which the applicable sample design was installed.
AVG_DIAMETER	NUMBER	**Computed**. Average diameter for the stratum delineated by the unique values from a combination of the ten columns from data_type to user_field. Averaged across all plots (child setting records) on which non-NULL diameter values for this stratum exist.
AVG_HEIGHT_MAX	NUMBER	**Computed**. Average age for the stratum delineated by the unique values from a combination of the ten columns from data_type to user_field. Averaged across all plots (child setting records) on which non-NULL age values for this stratum exist.

NRV_COVER_SUMMARY_VM (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>AVG_HEIGHT_MIN</td><td>NUMBER</td><td>Computed. Average minimum height for the stratum delineated by the unique values from a combination of the ten columns from data_type to user_field. Averaged across all plots (child setting records) on which non-NULL minimum height values for this stratum exist.</td></tr>
<tr><td>AVG_HT</td><td>NUMBER</td><td>Computed. Average height for the stratum delineated by the unique values from a combination of the ten columns from data_type to user_field. Averaged across all plots (child setting records) on which non-NULL height values for this stratum exist.</td></tr>
<tr><td>AVG_MATURITY</td><td>VC(2)</td><td>Computed. Average maturity for the stratum delineated by the unique values from a combination of the ten columns from data_type to user_field. Averaged across all plots (child setting records) on which non-NULL maturity values for this stratum exist.</td></tr>
<tr><td>DATA_TYPE</td><td>VC(15)</td><td>A code used to indicate the type of data this compiled record represents; the value determines in which subreport this record would appear.

<table><tr><th>Code</th><th>Description</th></tr><tr><td>'FORM 1 VEG COMP'</td><td>v1.7+, CSE Form 1 Veg Comp.*</td></tr><tr><td>'FORM 2 VEG COMP'</td><td>v1.7+, CSE Form 2 Veg Comp.*</td></tr><tr><td>'FORM 3 VEG COMP'</td><td>v1.7+, CSE Form 3 Veg Comp.*</td></tr><tr><td>'FORM 4 SURFACE'</td><td>v1.7+, CSE Form 4 Surface.*</td></tr><tr><td>'VEGETATION'</td><td>pre-v1.7 CSE and legacy vegetation composition data.</td></tr><tr><td>'SURFACE'</td><td>pre-v1.7 CSE and legacy surface cover data.</td></tr></table>
*New CSE Vegetation Composition and Surface Cover Protocols were developed in 2004 as part of the NRIS Common OCMA effort and were incorporated with FSVeg v.1.7 in 2005.</td></tr>
<tr><td>LAYER</td><td>VC(3)</td><td>Nrv_cover_measurements.layer</td></tr>
<tr><td>LAYER_CODE_LOCAL</td><td>VC(2)</td><td>Nrv_cover_measurements.layer_code_local</td></tr>
<tr><td>LIFEFORM_CODE</td><td>VC(2)</td><td>Nrv_cover_measurements.lifeform_code</td></tr>
<tr><td>LIVE_DEAD</td><td>VC(1)</td><td>Nrv_cover_measurements.live_dead</td></tr>
<tr><td>PARENT_CN</td><td>VC(34)</td><td>Nrv_setting_measurements.cn</td></tr>
<tr><td>SELECTION_CRITERIA_NO</td><td>VC(3)</td><td>Nrv_selection_criteria.selection_criteria_no</td></tr>
<tr><td>SPECIES_SYMBOL</td><td>VC(8)</td><td>Nrv_cover_measurements.species_symbol</td></tr>
<tr><td>SURFACE_COVER_CODE</td><td>VC(4)</td><td>Nrv_cover_measurements.surface_cover_code</td></tr>
<tr><td>USER_FIELD</td><td>VC(10)</td><td>Nrv_cover_measurements.data_code_1</td></tr>
</table>

NRV_CSE_ALL_VM

A view that displays all CSE data associated with a given setting.

Name	Size	Description
STAND_CN	VC(34)	Foreign key to the stand record in Nrv_setting_measurements
PLOT_CN	VC(34)	Foreign key to the plot record in Nrv_setting_measurements record.
SAMPLE_CN	VC(34)	Foreign key to the sample design record in Nrv_sample_design
SELCRIT_CN	VC(34)	Foreign key to Nrv_selection_criteria.
TREE_CN	VC(34)	Foreign key to the tree record in Nrv_tree_measurements record
GROUND_SURFACE_COVER_CN	VC(0)	Foreign key to the surface cover record in Nrv_cover_measurements
DOWN_WOODY_CN	VC(34)	Foreign key to down woody record in Nrv_down_woody_measurements
VEG_COMP_CN	VC(34)	Foreign key to the vegetation record in Nrv_cover_measurements
ADMIN_FOREST	VC(2)	Nrv_setting_measurements.forest_admin
ADMIN_REGION	VC(2)	Nrv_setting_measurements.region_admin
ARCHIVE_FLAG	VC(1)	Flag to indicate this setting measurement record does not represent the current status of the vegetation. Y = Yes, this is an archived record.
BROWNS_1000HR_ROTTEN_CUBIC	NUMBER	**Computed.** Stand 1000-hour rotten fuel cubic foot per acre.
BROWNS_1000HR_ROTTEN_DIA_AVG	NUMBER	**Computed.** Stand 1000-hour rotten average diameter.
BROWNS_1000HR_ROTTEN_TONS	NUMBER	**Computed.** Stand 1000-hour rotten fuel tons per acre.
BROWNS_1000HR_SOUND_CUBIC	NUMBER	**Computed.** Stand 1000-hour sound fuel cubic foot per acre.
BROWNS_1000HR_SOUND_DIA_AVG	NUMBER	**Computed.** Stand 1000-hour sound average diameter.
BROWNS_1000HR_SOUND_TONS	NUMBER	**Computed.** Stand 1000-hour sound fuel tons per acre.
BROWNS_100HR_CUBIC	NUMBER	**Computed.** Stand 100-hour fuel cubic foot per acre.
BROWNS_100HR_TONS	NUMBER	**Computed.** Stand 100-hour fuel tons per acre.
BROWNS_10HR_CUBIC	NUMBER	**Computed.** Stand 10-hour fuel cubic foot per acre.
BROWNS_10HR_TONS	NUMBER	**Computed.** Stand 10-hour fuel tons per acre.
BROWNS_1HR_CUBIC	NUMBER	**Computed.** Stand 1-hour fuel cubic foot per acre.
BROWNS_1HR_TONS	NUMBER	**Computed.** Stand 1-hour fuel tons per acre.
BROWNS_DUFF_DEPTH_AVG	NUMBER	**Computed.** Stand average duff depth.
BROWNS_DUFF_TONS_AVG	NUMBER	**Computed.** The stand level average duff tons per acre estimate from a Brown's 1- or 2- sample point survey for duff. The estimate is derived using: duff tons/acre = (average duff depth * 10 tons/inch)
BROWNS_FUEL_DEPTH_AVG	NUMBER	**Computed.** Stand average fuel depth.

NRV_CSE_ALL_VM (cont.)

Name	Size	Description
DOWN_PIECES_5_MINUS	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 3 to 4.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_5_10	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 5 to 9.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_10_15	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 10 to 14.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_15_20	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 15 to 19.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_20_25	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 20 to 24.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_25_30	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 25 to 29.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_30_35	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 30 to 34.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_35_40	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 35 to 39.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]

NRV_CSE_ALL_VM (cont.)

Name	Size	Description
DOWN_PIECES_40_45	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 40 to 44.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_45_PLUS	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 45 inches and up in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
FUEL_INIT_3	NUMBER	Number of down woody pieces 3-6 inches in diameter
FUEL_INIT_4	NUMBER	Number of down woody pieces 6-12 inches in diameter
FUEL_INIT_5	NUMBER	Number of down woody pieces 12 + inches in diameter
COUNTY	VC(3)	Nrv_setting_measurements.county
DISTRICT	VC(2)	Nrv_setting_measurements.district
EXAM_LEVEL_DW	VC(1)	Nrv_setting_measurements.sample_design_dw
EXAM_LEVEL_SC	VC(1)	Nrv_setting_measurements.sample_design_sc
EXAM_LEVEL_TREE	VC(1)	Nrv_setting_measurements.sample_design_tree
EXAM_LEVEL_VEG	VC(1)	Nrv_setting_measurements.sample_design_veg
EXAM_PURPOSE	VC(4)	Nrv_exam_purpose_codes.purpose_code
GS_COVER_PERCENT	NUMBER	Nrv_cover_measurements.cover_percent
GS_COVER_REMARKS	VC(255)	Nrv_cover_measurements.remarks
GS_COVER_SURFACE_CODE	VC(4)	Nrv_surface_cover_types.surface_cover_code
HARDWOOD_SOFTWOOD	VC(4)	**Computed.** Valid values are "HARD" or "SOFT"
HEIGHT_TO_BREAK	NUMBER	Nrv_tree_measurements.height_to_break
LOCATION	VC(16)	Nrv_setting_measurements.location
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date
MEASUREMENT_NO	VC(2)	Nrv_setting_measurements.measurement_no
PHOTO_ID	VC(4000)	Nrv_arial_photos.photo_id via setting_measurements.airph_cn
PROC_FOREST	VC(2)	Nrv_setting_measurements.forest_proc
PROC_REGION	VC(2)	Nrv_setting_measurements.region_proc
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
SAMPLE_EXPANSION_ FACTOR	NUMBER	Nrv_sample_designs.sample_expansion_factor
SAMPLE_REMARKS	VC(255)	Nrv_sample_designs.remarks
SAMPLE_SELECT_METHOD_ TYPE	VC(3)	Nrv_sample_design_subgroups.selection_method_type
SAMPLE_STARTING_AZIMUT H	NUMBER	Nrv_tree_measurements.azimuth
SELCRIT_NUMBER	VC(3)	Nrv_selcrit_subgroups.selection_criteria_no
SELCRIT_SUBPOP_FILTER	VC(8)	Nrv_selcrit_subgroups.subpop_code_value
SELCRIT_SUBPOP_MAX_ VALUE	NUMBER	Nrv_Selcrit_Subgroups.subpop_max_value
SELCRIT_SUBPOP_MIN_ VALUE	NUMBER	Nrv_selcrit_subgroups.subpop_min_value
SELCRIT_SUBPOP_VARIABLE	VC(3)	Nrv_selcrit_subgroups.subpop
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id

NRV_CSE_ALL_VM (cont.)

Name	Size	Description
STAND	VC(10)	Nrv_setting_measurements.level_1_id
STAND_ACRES	N(8,4)	Nrv_setting_measurements.setting_size
STAND_ASPECT	N(3)	Nrv_setting_measurements.aspect
STAND_BA	NUMBER	**Computed.** Stand level basal area per acre (live, on plot trees only).
STAND_BOARD_VOLUME	NUMBER	**Computed.** Stand level board foot volume per acre (live, on plot trees only).
STAND_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
STAND_CUBIC_VOLUME	NUMBER	**Computed**. Stand level cubic volume per acre (live, on plot trees only).
STAND_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity

NRV_CSE_ALL_VM (cont.)

Name	Size	Description
STAND_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
STAND_EV_CODE	VC(10)	Nrv_setting_measurements.ev_code
STAND_EV_REF_CODE	VC(10)	Nrv_setting_measurements.ev_ref_code
STAND_EXAMINER	VC(15)	Nrv_setting_measurements.measurement_organization
STAND_FIA_EV_CALC	VC(10)	**Computed.** Forest type using the FIA algorithm
STAND_FIA_TOTAL STOCKING	NUMBER	**Computed**. Stand level tree stocking using the FIA algorithm
STAND_FUEL_1HR	N(5,2)	Nrv_fuel_models.fuel_1hr
STAND_FUEL_10HR	N(5,2)	Nrv_fuel_models.fuel_10hr
STAND_FUEL_100HR	N(5,2)	Nrv_fuel_models.fuel_100hr
STAND_FUEL_BED_DEPTH	N(5,2)	Nrv_fuel_models.fuel_bed_depth
STAND_FUEL_MODEL	VC(3)	Nrv_setting_measurements.fuel_model
STAND_FUEL_MODEL_CODE	VC(10)	Nrv_fuel_models.fuel_model_code
STAND_FUEL_PHOTO_EFERENCE	VC(10)	Nrv_fuel_photo_ref.fuel_photo_reference
STAND_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link (from stand record)
STAND_HEIGHT_GROWTH_INTERVAL	N(2)	Nrv_setting_measurements.height_growth_Interval
STAND_MERCH_CUBIC_VOLUME	NUMBER	**Computed.** Stand level merch cubic volume per acre (live, on plot trees only).
STAND_MGMT_INTEREST_SPECIES1	VC(4000)	Nrv_cover_measurements.species_symbol
STAND_MGMT_INTEREST_SPECIES2	VC(4000)	Nrv_cover_measurements.species_symbol
STAND_MGMT_INTEREST_SPECIES3	VC(4000)	Nrv_cover_measurements.species_symbol
STAND_MGMT_INTEREST_SPECIES4	VC(4000)	Nrv_cover_measurements.species_symbol
STAND_MGMT_INTEREST_SPECIES5	VC(4000)	Nrv_cover_measurements.species_symbol
STAND_OWNER	VC(4)	Nrv_owner_agency_codes.stand_owner
STAND_POTENTIAL_VEG	VC(10)	Nrv_pv_cover_types.pv_code
STAND_POTENTIAL_VEG_REF	VC(10)	Nrv_cover_references.ref_code
STAND_PRECISION_PROTOCOL	VC(12)	Nrv_setting_measurements.meas_std_id
STAND_RADIAL_GROWTH_INTERVAL	N(2)	Nrv_setting_measurements.radial_growth_interval
STAND_RADIAL_GROWTH_INTERVAL_2	N(2)	Nrv_setting_measurements.radial_growth_interval_2
STAND_REMARKS	VC(255)	Nrv_setting_measurements.remarks

NRV_CSE_ALL_VM (cont.)

Name	Size	Description
STAND_SLOPE	N(3)	Nrv_setting_measurements.slope
STAND_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
STAND_STRATUM	VC(6)	Nrv_setting_measurements.stratum
STAND_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
STAND_TPA	NUMBER	**Computed.** Stand level trees per acre (live, on plot trees only).
STAND_USER_CODE	VC(4000)	Nrv_data_code_setmeas.data
STAND_VSS	VC(6)	**Computed.** Vegetation structural stage for Regions 2, 3 and 4 only.
STATE	VC(2)	Nrv_setting_measurements.state
PLOT_ASPECT	N(3)	Nrv_setting_measurements.aspect
PLOT_BA	NUMBER	**Computed.** Plot level basal area per acre (live, on plot trees only).
PLOT_BOARD_VOLUME	NUMBER	**Computed.** Plot level board volume per acre (live, on plot trees only).
PLOT_CAPABLE_GROW_ AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
PLOT_COUNT_PLOTS_ INSTALLED	NUMBER	Nrv_plot_counts.standard_no_plots
PLOT_CUBIC_VOLUME	NUMBER	**Computed.** Plot level cubic volume per acre (live, on plot trees only).
PLOT_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
PLOT_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
PLOT_EXISTING_VEG	VC(10)	Nrv_setting_measurements.ev_code
PLOT_FUEL_1HR	N(5,2)	Nrv_fuel_models.fuel_1hr
PLOT_FUEL_10HR	N(5,2)	Nrv_fuel_models.fuel_10hr
PLOT_FUEL_100HR	N(5,2)	Nrv_fuel_models.fuel_100hr
PLOT_FUEL_BED_DEPTH	N(5,2)	Nrv_fuel_models.fuel_bed_depth
PLOT_FUEL_MODEL	VC(3)	Nrv_setting_measurements.fuel_model
PLOT_FUEL_MODEL_CODE	VC(10)	Nrv_fuel_models.fuel_model_code
PLOT_FUEL_PHOTO_CN	VC(34)	Nrv_fuel_photos.fuel_photo_cn
PLOT_FUEL_PHOTO_ REFERENCE	VC(10)	Nrv_fuel_photos.fuel_photo.reference
PLOT_FVS_DUFF	N(5,1)	Nrv_fuel_photos.fvs_duff
PLOT_FVS_FUEL01	N(5,1)	Nrv_fuel_photos.fvs_fuel01
PLOT_FVS_FUEL13	N(5,1)	Nrv_fuel_photos.fvs_fuel13
PLOT_FVS_FUEL36	N(5,1)	Nrv_fuel_photos.fvs_fuel36
PLOT_FVS_FUEL612	N(5,1)	Nrv_fuel_photos.fvs_fuel612
PLOT_FVS_FUEL12P	N(5,1)	Nrv_fuel_photos.fvs_fuel12p
PLOT_FVS_LITTER	N(5,1)	Nrv_fuel_photos.fvs_litter
PLOT_GIS_LINK	VC(26)	Nrv_setting_measurement.gis_link (from plot record)
PLOT_HISTORY_DATE1	DATE	Nrv_Setting_histories.history_date
PLOT_HISTORY_DATE2	DATE	Nrv_Setting_histories.history_date
PLOT_HISTORY_DATE3	DATE	Nrv_Setting_histories.history_date
PLOT_HISTORY1	VC(6)	Nrv_Setting_histories.history_code
PLOT_HISTORY2	VC(6)	Nrv_Setting_histories.history_code
PLOT_HISTORY3	VC(6)	Nrv_Setting_histories.history_code
PLOT_LATITUDE_DEG	N(3)	Nrv_setting_measurements.latitude_deg
PLOT_LATITUDE_MIN	N(2)	Nrv_setting_measurements.latitude_min

NRV_CSE_ALL_VM (cont.)

Name	Size	Description
PLOT_LATITUDE_SEC	N(4,2)	Nrv_setting_measurements.latitude_sec
PLOT_LONGITUDE_DEG	N(3)	Nrv_setting_measurements.longitude_deg
PLOT_LONGITUDE_MIN	N(2)	Nrv_setting_measurements.longitude.min
PLOT_LONGITUDE_SEC	N(4,2)	Nrv_setting_measurements.longitude.sec
PLOT_MERCH_CUBIC_ VOLUME	NUMBER	**Computed.** Plot level merch cubic volume per acre (live, on plot trees only)
PLOT_NUMBER	VC(10)	Nrv_setting_measurements.level_2_Id
PLOT_POTENTIAL_VEG	VC(10)	Nrv_pv_cover_types.pv_code
PLOT_PV_REF	VC(10)	Nrv_cover_references.ref_code
PLOT_REMARKS	VC(255)	Nrv_setting_measurements.remarks
PLOT_RESIDUE_DESC_CODE	VC(20)	Nrv_fuel_photos.residue_desc_code
PLOT_SEED_WALL_ DISTANCE	N(5,1)	Nrv_setting_measurements.seed_wall_distance
PLOT_SLOPE	N(3)	Nrv_setting_measurements.slope
PLOT_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
PLOT_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
PLOT_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
PLOT_TPA	NUMBER	**Computed.** Plot level trees per acre (live, on plot trees only)
PLOT_USER_CODE	VC(4000)	Nrv_date_code_setmeas.data
TREE_AGE	NUMBER	Nrv_tree_measurements.age
TREE_BOARD_VOLUME	NUMBER	**Computed.** Tree board foot volume (for R9, the sawtimber board foot volume). To obtain the per acre volume represented by this tree record, multiply this value by the tree_stand_tpa_equiv. On-plot trees only.
TREE_CLASS	VC(2)	Nrv_tree_measurements.tree_class
TREE_CONE_SEROTINY	VC(2)	Nrv_tree_measurements.cone_serotiny
TREE_COUNT	NUMBER	Nrv_tree_measurements.tree_count
TREE_CROWN_CLASS	VC(2)	Nrv_tree_measurements.crown_class
TREE_CROWN_RATIO	NUMBER	Nrv_tree_measurements.crown_ratio
TREE_CROWN_WIDTH	NUMBER	Nrv_tree_measurements.crown_width
TREE_CUBIC_VOLUME	NUMBER	**Computed.** Cubic foot volume of the whole tree (for R9, the pulp cubic foot volume. To obtain the per acre volume represented by this tree record, multiply this value by the tree_stand_tpa_equiv. On-plot trees only.
TREE_DAMAGE_AGENT1	VC(3)	Nrv_tree_disturbances.category_code
TREE_DAMAGE_AGENT2	VC(3)	Nrv_tree_disturbances.category_code
TREE_DAMAGE_AGENT3	VC(3)	Nrv_tree_disturbances.category_code
TREE_DAMAGE_AGENT4	VC(3)	Nrv_tree_disturbances.category_code
TREE_DAMAGE_AGENT5	VC(3)	Nrv_tree_disturbances.category_code
TREE_DAMAGE_CATEGORY1	VC(2)	Nrv_tree_disturbances.category_code
TREE_DAMAGE_CATEGORY2	VC(2)	Nrv_tree_disturbances.category_code
TREE_DAMAGE_CATEGORY3	VC(2)	Nrv_tree_disturbances.category_code
TREE_DAMAGE_CATEGORY4	VC(2)	Nrv_tree_disturbances.category_code
TREE_DAMAGE_CATEGORY5	VC(2)	Nrv_tree_disturbances.category_code
TREE_DAMAGE_PART1	VC(2)	Nrv_tree_disturbances.tree_part_code
TREE_DAMAGE_PART2	VC(2)	Nrv_tree_disturbances.tree_part_code
TREE_DAMAGE_PART3	VC(2)	Nrv_tree_disturbances.tree_part_code
TREE_DAMAGE_PART4	VC(2)	Nrv_tree_disturbances.tree_part_code

NRV_CSE_ALL_VM (cont.)

Name	Size	Description
TREE_DAMAGE_PART5	VC(2)	Nrv_tree_disturbances.tree_part_code
TREE_DAMAGE_SEV1	VC(3)	Nrv_tree_disturbances.severity_rating_code
TREE_DAMAGE_SEV2	VC(3)	Nrv_tree_disturbances.severity_rating_code
TREE_DAMAGE_SEV3	VC(3)	Nrv_tree_disturbances.severity_rating_code
TREE_DAMAGE_SEV4	VC(3)	Nrv_tree_disturbances.severity_rating_code
TREE_DAMAGE_SEV5	VC(3)	Nrv_tree_disturbances.severity_rating_code
TREE_DIAMETER	NUMBER	Nrv_tree_measurements_diameter
TREE_DISTURB_EFFECT1	VC(3)	Nrv_tree_disturbances.effect_code
TREE_DISTURB_EFFECT2	VC(3)	Nrv_tree_disturbances.effect_code
TREE_DISTURB_EFFECT3	VC(3)	Nrv_tree_disturbances.effect_code
TREE_DISTURB_EFFECT4	VC(3)	Nrv_tree_disturbances.effect_code
TREE_DISTURB_EFFECT5	VC(3)	Nrv_tree_disturbances.effect_code
TREE_DISTURB_EFFECT_ SEV1	VC(3)	Nrv_tree_disturbances.effect_severity
TREE_DISTURB_EFFECT_ SEV2	VC(3)	Nrv_tree_disturbances.effect_severity
TREE_DISTURB_EFFECT_ SEV3	VC(3)	Nrv_tree_disturbances.effect_severity
TREE_DISTURB_EFFECT_ SEV4	VC(3)	Nrv_tree_disturbances.effect_severity
TREE_DISTURB_EFFECT_ SEV5	VC(3)	Nrv_tree_disturbances.effect_severity
TREE_DRC_STEMS	NUMBER	Nrv_tree_measurements.no_of_stems
TREE_FIA_STOCKING	NUMBER	**Computed.** Tree stocking using the FIA algorithm
TREE_HEIGHT	NUMBER	Nrv_tree_measurements.height
TREE_HEIGHT_GROWTH	NUMBER	Nrv_tree_measurements.height_growth
TREE_HEIGHT_TO_CROWN	NUMBER	Nrv_tree_measurements.tree_base_height
TREE_LOG_SNAG_DECAY	VC(2)	Nrv_tree_measurements.log_decay_class, or Nrv_tree_measurements.snag_decay_class
TREE_MERCH_CUBIC_ VOLUME	NUMBER	**Computed.** Cubic foot volume of the whole tree (for R9, the sawtimber cubic foot volume. To obtain the per acre volume represented by this tree record, multiply this value by the tree_stand_tpa_equiv. On-plot trees only.
TREE_RADIAL_GROWTH	NUMBER	Nrv_tree_measurements.radial_growth
TREE_RADIAL_GROWTH_2	NUMBER	Nrv_tree_measurements.radial_growth_2
TREE_REMARKS	VC(255)	Nrv_tree_measurements.remarks
TREE_SPECIES	VC(8)	Nrv_tree_measurements.species_symbol
HARDWOOD_SOFTWOOD	VC(4)	**Computed.** Valid values are “HARD” or “SOFT”
TREE_STAND_BA_EQUIV	NUMBER	**Computed.** Stand level basal area per acre represented by this tree (live, on plot trees only)
TREE_STAND_TPA_EQUIV	NUMBER	**Computed.** The number of trees per acre, at the stand level, that this tree represents. On-plot trees only.
TREE_STATUS	VC(1)	Nrv_tree_measurements.tree_status
TREE_TAG_ID	VC(5)	Nrv_tree_measurements.tag_Id
TREE_TREATMENT_OPTION	VC(2)	Nrv_tree_measurements.first_treatment_option
TREE_USER_CODE	VC(4000)	Nrv_data_code_treemeas.data
TREE_WILDLIFE_USE	VC(2)	Nrv_tree_measurements.tree_usage

NRV_CSE_ALL_VM (cont.)

Name	Size	Description
VEG_COMP_AVG_DIAMETER	NUMBER	Nrv_cover_measurements.diameter
VEG_COMP_AVG_HEIGHT	NUMBER	Nrv_cover_measurements.height
VEG_COMP_CANOPY_COVER	NUMBER	Nrv_characterizations.canopy_cover
VEG_COMP_LAYER	VC(3)	Nrv_cover_layers.layer
VEG_COMP_LIFEFORM	VC(2)	Nrv_cover_measurements.lifeform
VEG_COMP_LIVE_DEAD	VC(1)	Nrv_cover_measurements.live_dead
VEG_COMP_LOCAL_LAYER	VC(2)	Nrv_cover_measurements.layer_code_local
VEG_COMP_MATURITY	VC(2)	Nrv_cover_measurements.shrub_age_class
VEG_COMP_MAX_HEIGHT	NUMBER	Nrv_cover_measurements.height_max
VEG_COMP_MIN_HEIGHT	NUMBER	Nrv_cover_measurements.height_min
VEG_COMP_REMARKS	VC(255)	Nrv_cover_measurements.remarks
VEG_COMP_SPECIES	VC(8)	Nrv_cover_measurements.species_symbol
VEG_COMP_USER_CODE	VC(10)	Nrv_data_code_covmeas.data
WOOD_DECAY_CLASS	VC(2)	Nrv_down_woody_measurements.decay_class
WOOD_DIAMETER	NUMBER	Nrv_down_woody_measurements.diameter
WOOD_DIAMETER_LARGE_END	NUMBER	Nrv_down_woody_measurements.diameter_large_end
WOOD_DIAMETER_SMALL_END	NUMBER	Nrv_down_woody_measurements.diameter_small_end
WOOD_FIRST_DUFF	NUMBER	Nrv_down_woody_measurements.litter_1
WOOD_FUEL_DEPTH	NUMBER	Nrv_down_woody_measurements.fuel_bed_depth
WOOD_PIECE_COUNT	NUMBER	Nrv_down_woody_measurements.no_of_pieces
WOOD_PIECE_LENGTH	NUMBER	Nrv_down_woody_measurements.length
WOOD_SECOND_DUFF	NUMBER	Nrv_down_woody_measurements.litter_2
WOOD_VOLUME	NUMBER	Nrv_down_woody_measurements.volume
WOOD_WEIGHT	NUMBER	Nrv_down_woody_measurements.weight

NRV_FFI_VM

Combines Tree, Down Woody, and Cover Measurements data for FFI processing.

Name	Size	Description
AVG_HERB_HT	N	**SURFACE FUELS VEGETATION DATA:** Computed. Average height, in feet, of the live and dead herbaceous fuel component. *<u>Cluster Data:</u>* *SUM(DECODE(cm.lifeform_code, 'HB', cm.height, NULL))/* *SUM(DECODE(cm.lifeform_code, 'HB', 1, NULL))* *<u>Stand Exam Data:</u>* *(SUM(DECODE(cm.layer, 'TOF', cm.height, NULL)) +* *SUM(DECODE(cm.layer, 'TOG', cm.height, NULL)))/* *(SUM(DECODE(cm.layer, 'TOF', 1, NULL)) +* *SUM(DECODE(cm.layer, 'TOG', 1, NULL)))* *Where cm=nrv_cover_measurements*
AVG_SHRUB_HT	N	**SURFACE FUELS VEGETATION DATA:** Computed. Average height, in feet, of the live and dead shrub fuel component. *<u>Cluster Data:</u>* *SUM(DECODE(cm.lifeform_code, 'SH', cm.height, NULL))/* *SUM(DECODE(cm.lifeform_code, 'SH', 1, NULL))* *<u>Stand Exam Data:</u>* *SUM(DECODE(cm.layer, 'TOS', cm.height, NULL))/* *SUM(DECODE(cm.layer, 'TOS', 1, NULL))* *Where cm=nrv_cover_measurements*
COVER_OM	N	**OCULAR MACROPLOT DATA:** Percent cover of the vegetation component. *nrv_cover_measurements.cover_percent*
CROWN_BASE_HEIGHT_TREE	N	**TREE DATA:** Vertical distance from the ground to the base of the live crown (Curtis 1983). Sometimes called height to crown. Stored in feet. *nrv_tree_measurements.crown_base_height*

NRV_FFI_VM (cont.)

Name	Size	Description
CROWN_RATIO_TREE	N	**TREE DATA:** The length of the live crown as expressed as a percentage of total tree height. This is always an uncompacted crown ratio for Common Stand Exam data. *nrv_tree_measurements.crown_ratio*
DBH_TREE	N	**TREE DATA:** Predominant cross-sectional width of a tree measured through the center of the stem at 4.5 feet above the forest floor on the uphill side of the tree, in inches. *nrv_stand_plot_tree_vm.dbh*
DEAD_HERB_COVER	N	**SURFACE FUELS VEGETATION DATA:** Computed. Percent cover of the dead herbaceous fuel component. *Cluster Data:* *AVG(DECODE(cm.live_dead, 'D', DECODE (cm.lifeform_code, 'HB', cm.cover_percent, NULL), NULL))* *Stand Exam Data:* *SUM(DECODE(cm.live_dead, 'D', DECODE(cm.layer, 'TOF', cm.cover_percent, NULL), NULL, DECODE(cm.layer, 'TOF', cm.cover_percent, NULL), NULL)) +* *SUM(DECODE(cm.live_dead, 'D', DECODE(cm.layer, 'TOG', cm.cover_percent, NULL), NULL, DECODE(cm.layer, 'TOG', cm.cover_percent, NULL), NULL))* *Where cm=nrv_cover_measurements*

NRV_FFI_VM (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>DEAD_SHRUB_COVER</td><td>N</td><td>SURFACE FUELS VEGETATION DATA: Computed. Percent cover of the dead shrub fuel component.

<u>Cluster Data:</u>
AVG(DECODE(cm.live_dead, 'D',
DECODE(cm.lifeform_code, 'SH',
cm.cover_percent, NULL), NULL))

<u>Stand Exam Data:</u>
SUM(DECODE(cm.live_dead, 'D', DECODE(cm.layer,
'TOS', cm.cover_percent, NULL), NULL,
DECODE(cm.layer, 'TOS', cm.cover_percent,
NULL), NULL))

Where cm=nrv_cover_measurements</td></tr>
<tr><td>DECAY_CLASS_1000HR</td><td>VC(2)</td><td>DOWNED WOODY MATERIAL DATA, 1000-HR: Current condition of the downed woody material.

<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>SO</td><td>Sound</td><td></td></tr>
<tr><td>RO</td><td>Rotten</td><td></td></tr>
<tr><td>1</td><td>Decay class 1</td><td>CSE</td></tr>
<tr><td>2</td><td>Decay class 2</td><td>CSE</td></tr>
<tr><td>3</td><td>Decay class 3</td><td>CSE</td></tr>
<tr><td>4</td><td>Decay class 4</td><td>CSE</td></tr>
<tr><td>5</td><td>Decay class 5</td><td>CSE</td></tr>
</table>

nrv_down_woody_measurements.decay_class</td></tr>
<tr><td>DISTRICT</td><td>VC(2)</td><td>GENERAL DATA: Ranger District number of the administrator or owner for the setting (sample location).

nrv_setting_measurements.district_no</td></tr>
<tr><td>DRC_TREE</td><td>N</td><td>TREE DATA: Predominant cross-sectional width of a tree measured through the center of the stem at the root collar, in inches.

nrv_stand_plot_tree_vm.drc</td></tr>
</table>

NRV_FFI_VM (cont.)

Name	Size	Description
DUFF_DEPTH	N	**DUFF & LITTER DATA:** Computed. The average of the combined duff and litter depths, in inches. Duff and litter have traditionally been collected as a combined depth, and could not be parsed back into their component parts. *(SELECT* *ROUND(AVG(DECODE(DECODE(depth,NULL,-1,0) +* *DECODE(depth2,NULL,-1,0),* *-2, NRV_TO.NUMNULL,* *-1, ((NVL(depth,0)+NVL(depth2,0))*1),* *(((depth+depth2)/2)*1))), 3)* *FROM nrv_down_woody_measurements* *WHERE setmeas_cn = sm2.cn* *AND (depth IS NOT NULL OR depth2 IS NOT NULL))* *Where dw=nrv_down_woody_measurements*
FOREST_ADMIN	VC(2)	**GENERAL DATA:** Administrative Forest number. *nrv_setting_measurements.forest_admin*
HEIGHT_OM	N	**OCULAR MACROPLOT DATA:** Height, in feet, of the vegetation component. *nrv_cover_measurements.height*
HEIGHT_TREE	N	**TREE DATA:** Computed if not stored. Total span of a tree from ground level along bole to tip of tree (tree length, bole length), in feet. *nrv_stand_plot_tree_vm.height*

NRV_FFI_VM (cont.)

Name	Size	Description
LEVEL_2_1000HR	VC(10)	**DOWNED WOODY MATERIAL DATA, 1000-HR:** 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. FIA National Core Data: 1 = Center 2 = North 3 = Southeast 4 = Southwest *nrv_setting_measurements.level_2_id (from the child setting record)*
LEVEL_2_100HR	VC(10)	**DOWNED WOODY MATERIAL DATA, 100-HR:** 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. FIA National Core Data: 1 = Center 2 = North 3 = Southeast 4 = Southwest *nrv_setting_measurements.level_2_id (from the child setting record)*
LEVEL_2_10HR	VC(10)	**DOWNED WOODY MATERIAL DATA, 10-HR:** 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. FIA National Core Data: 1 = Center 2 = North 3 = Southeast 4 = Southwest *nrv_setting_measurements.level_2_id (from the child setting record)*

NRV_FFI_VM (cont.)

Name	Size	Description
LEVEL_2_1HR	VC(10)	**DOWNED WOODY MATERIAL DATA, 1-HR:** 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. FIA National Core Data: 1 = Center 2 = North 3 = Southeast 4 = Southwest *nrv_setting_measurements.level_2_id (from the child setting record)*
LEVEL_2_DUFF_LITTER	VC(10)	**DUFF & LITTER DATA:** 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. FIA National Core Data: 1 = Center 2 = North 3 = Southeast 4 = Southwest *nrv_setting_measurements.level_2_id (from the child setting record)*
LEVEL_2_OM	VC(10)	**OCULAR MACROPLOT DATA:** 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. FIA National Core Data: 1 = Center 2 = North 3 = Southeast 4 = Southwest *nrv_setting_measurements.level_2_id (from the child setting record)*

NRV_FFI_VM (cont.)

Name	Size	Description
LEVEL_3_1000HR	VC(10)	**DOWNED WOODY MATERIAL DATA, 1000-HR:** Used to uniquely identify each element within a sub sample. For grid inventories, this may be the subplot number. For range or ecology plots this may be a microplot for one design. The FIA National Core Data seedling micro-plot number. Currently there is only one microplot per subplot. *nrv_setting_measurements.level_3_id (from the grandchild setting record)*
LEVEL_3_100HR	VC(10)	**DOWNED WOODY MATERIAL DATA, 100-HR:** Used to uniquely identify each element within a sub sample. For grid inventories, this may be the subplot number. For range or ecology plots this may be a microplot for one design. The FIA National Core Data seedling micro-plot number. Currently there is only one microplot per subplot. *nrv_setting_measurements.level_3_id (from the grandchild setting record)*
LEVEL_3_10HR	VC(10)	**DOWNED WOODY MATERIAL DATA, 10-HR:** Used to uniquely identify each element within a sub sample. For grid inventories, this may be the subplot number. For range or ecology plots this may be a microplot for one design. The FIA National Core Data seedling micro-plot number. Currently there is only one microplot per subplot. *nrv_setting_measurements.level_3_id (from the grandchild setting record)*
LEVEL_3_1HR	VC(10)	**DOWNED WOODY MATERIAL DATA, 1-HR:** Used to uniquely identify each element within a sub sample. For grid inventories, this may be the subplot number. For range or ecology plots this may be a microplot for one design. The FIA National Core Data seedling micro-plot number. Currently there is only one microplot per subplot. *nrv_setting_measurements.level_3_id (from the grandchild setting record)*

NRV_FFI_VM (cont.)

Name	Size	Description
LEVEL_3_DUFF_LITTER	VC(10)	**DUFF & LITTER DATA:** Used to uniquely identify each element within a sub sample. For grid inventories, this may be the subplot number. For range or ecology plots this may be a microplot for one design. The FIA National Core Data seedling micro-plot number. Currently there is only one microplot per subplot. *nrv_setting_measurements.level_3_id (from the grandchild setting record)*
LITTER_1	N	First layer of litter.
LITTER_2	N	Second layer of litter.
LITTER_DEPTH	N	**DUFF & LITTER DATA:** Computed. Because duff and litter have traditionally been collected as a combined depth, this is currently populated as follows. Where duff and litter depths were not sampled, this field would be NULL, whereas if they were sampled, this field would be 0. In other words, if the duff_depth is NULL, then litter_depth is NULL. If the duff_depth is not NULL, then litter depth = 0. *(SELECT ROUND(AVG(DECODE(DECODE(DECODE(depth,NULL, -1,0)+DECODE(depth2,NULL,-1,0), -2,NRV_TO.NUMNULL, -1,((NVL(depth,0)+NVL(depth2,0))*1), (((depth+depth2)/2)*1)), NULL, NRV_TO.NUMNULL, 0)), 3) FROM nrv_down_woody_measurements WHERE setmeas_cn = sm2.cn AND (depth IS NOT NULL OR depth2 IS NOT NULL))* *Where dw=nrv_down_woody_measurements*

NRV_FFI_VM (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>LIVE_DEAD_TREE</td><td>VC(1)</td><td>TREE DATA: Indicates whether a tree is alive or dead:

<table>
<tr><th>Code</th><th>Description</th><th>Use</th></tr>
<tr><td>L</td><td>Live tree</td><td>CSE</td></tr>
<tr><td>D</td><td>Dead tree</td><td>CSE</td></tr>
</table>

nrv_tree_measurements.live_dead</td></tr>
<tr><td>LIVE_HERB_COVER</td><td>N</td><td>SURFACE FUELS VEGETATION DATA: Computed. Percent cover of the live herbaceous fuel component.

<u>Cluster Data:</u>
AVG(DECODE(cm.live_dead,
'L', DECODE(cm.lifeform_code, 'HB',
cm.cover_percent, NULL), NULL))

<u>Stand Exam Data:</u>
SUM(DECODE(cm.live_dead,
'L', DECODE(cm.layer,'TOF',
cm.cover_percent, NULL), NULL,
DECODE(cm.layer, 'TOF', cm.cover_percent,
NULL), NULL))
+
SUM(DECODE(cm.live_dead,
'L', DECODE(cm.layer,'TOG',cm.cover_percent,
NULL), NULL, DECODE(cm.layer, 'TOG',
cm.cover_percent, NULL), NULL))

Where cm=nrv_cover_measurements</td></tr>
</table>

NRV_FFI_VM (cont.)

Name	Size	Description
LIVE_SHRUB_COVER	N	**SURFACE FUELS VEGETATION DATA:** Computed. Percent cover of the live shrub fuel component. *Cluster Data:* *AVG(DECODE(cm.live_dead, 'L',DECODE(cm.lifeform_code, 'SH', cm.cover_percent, NULL), NULL))* *Stand Exam Data:* *SUM(DECODE(cm.live_dead, 'L', DECODE(cm.layer, 'TOS', cm.cover_percent, NULL), NULL, DECODE(cm.layer, 'TOS', cm.cover_percent, NULL), NULL))* *Where cm=nrv_cover_measurements*
MEASUREMENT_DATE	DATE	**GENERAL DATA:** The date the setting was measured. If date is not known enter the year and/or month that is known. *nrv_setting_measurements.measurement_date*
MEASUREMENT_NO	VC(4)	Sequential number to identifiy the measurement sequence of a re-measured setting or plot.

NRV_FFI_VM (cont.)

Name	Size	Description
NO_OF_TRANSECTS_100HR	N	**DOWNED WOODY MATERIAL DATA, 100-HR:** Computed. The number of transects on which the 100-hour downed woody material data were collected. If the loader_version = 'NIMSLOA', then no_of_transects_100hr = the number of plot count records linked to child setting records where the plots_installed is NOT NULL. Otherwise, it is equal to the number of plot count records linked to child setting records and sample design records of the 100-hour downed woody material provided the value is not null, in which case it is equal to a count of the child setting records. *DECODE(SUBSTR(sm1.loader_version, 1, 7),* *'NIMSLOA',* *(SELECT COUNT(DISTINCT pc.setmeas_cn)* *FROM nrv_plot_counts pc* *WHERE pc.design_cn = sd.cn* *AND pc.setmeas_cn != sm1.cn* *AND pc.plots_installed IS NOT NULL),* *DECODE(nrv_brown_trsct_comp.divisor_new(sm1.cn,* *'100h'),* *NULL, (SELECT COUNT(DISTINCT i_sm2.cn)* *FROM nrv_setting_measurements i_sm2* *WHERE i_sm2.setmeas_cn_of = sm1.cn* *GROUP BY i_sm2.setmeas_cn_of),* *nrv_brown_trsct_comp.divisor_new(sm1.cn,* *'100h'))* *Where:* *sm1 = nrv_setting_measurements,* *pc=nrv_plot_counts,* *sd=nrv_sample_designs,* *dw=nrv_down_woody_measurements*

NRV_FFI_VM (cont.)

Name	Size	Description
NO_OF_TRANSECTS_10HR	N	**DOWNED WOODY MATERIAL DATA, 10-HR:** Computed. The number of transects on which the 10-hour downed woody material data were collected. If the loader_version = 'NIMSLOA', then no_of_transects_10hr = the number of plot count records linked to child setting records where the plots_installed is NOT NULL. Otherwise, it is equal to the number of plot count records linked to child setting records and sample design records of the 10-hour downed woody material provided the value is not null, in which case it is equal to a count of the child setting records. *DECODE(SUBSTR(sm1.loader_version, 1, 7),* *'NIMSLOA',* *(SELECT COUNT(DISTINCT pc.setmeas_cn)* *FROM nrv_plot_counts pc* *WHERE pc.design_cn = sd.cn* *AND pc.setmeas_cn != sm1.cn* *AND pc.plots_installed IS NOT NULL),* *DECODE(nrv_brown_trsct_comp.divisor_new* *(sm1.cn,'10h'),* *NULL, (SELECT COUNT(DISTINCT i_sm2.cn)* *FROM nrv_setting_measurements i_sm2* *WHERE i_sm2.setmeas_cn_of = sm1.cn* *GROUP BY i_sm2.setmeas_cn_of),* *nrv_brown_trsct_comp.divisor_new* *(sm1.cn,'10h'))* *Where:* *sm1 = nrv_setting_measurements,* *pc=nrv_plot_counts,* *sd=nrv_sample_designs,* *dw=nrv_down_woody_measurements*

NRV_FFI_VM (cont.)

Name	Size	Description
NO_OF_TRANSECTS_1HR	N	**DOWNED WOODY MATERIAL DATA, 1-HR:** Computed. The number of transects on which the 1-hour downed woody material data were collected. If the loader_version = 'NIMSLOA', then no_of_transects_1hr = the number of plot count records linked to child setting records where the plots_installed is NOT NULL. Otherwise, it is equal to the number of plot count records linked to child setting records and sample design records of the 1-hour downed woody material provided the value is not null, in which case it is equal to a count of the child setting records. *DECODE(SUBSTR(sm1.loader_version, 1, 7),* *'NIMSLOA',* *(SELECT COUNT(DISTINCT pc.setmeas_cn)* *FROM nrv_plot_counts pc* *WHERE pc.design_cn = sd.cn* *AND pc.setmeas_cn != sm1.cn* *AND pc.plots_installed IS NOT NULL),* *DECODE(nrv_brown_trsct_comp.divisor_new(sm1.cn,* *'1h'),* *NULL, (SELECT COUNT(DISTINCT i_sm2.cn)* *FROM nrv_setting_measurements i_sm2* *WHERE i_sm2.setmeas_cn_of = sm1.cn* *GROUP BY i_sm2.setmeas_cn_of),* *nrv_brown_trsct_comp.divisor_new(sm1.cn,'1h'))* *Where:* *sm1 = nrv_setting_measurements,* *PC=nrv_plot_counts*
NO_OF_TRANSECTS_DUFF_LITTER	N	**DUFF & LITTER DATA:** Computed. The number of transects on which the duff and litter data were collected. It is equal to a count of the child setting records. *(SELECT COUNT(DISTINCT i_sm2.cn)* *FROM nrv_setting_measurements i_sm2* *WHERE i_sm2.setmeas_cn_of = sm1.cn* *GROUP BY i_sm2.setmeas_cn_of))* *Where sm1 = nrv_setting_measurements*

NRV_FFI_VM (cont.)

Name	Size	Description
NO_OF_TRANSECTS_OM	N	**OCULAR MACROPLOT DATA:** Computed. The number of transects on which the Ocular Macroplot data were collected. It is equal to a count of the plot count records linked to the child setting records and sample design record of the ocular macroplot. *(SELECT COUNT(pc.cn)* *FROM nrv_plot_counts pc* *WHERE pc.design_cn = sc.design_cn* *AND pc.setmeas_cn != sm1.cn* *GROUP BY pc.design_cn)* *Where:* *sm1 = nrv_setting_measurements,* *pc=nrv_plot_counts,* *sd=nrv_sample_designs*
NO_OF_TRANSECTS_SURF_FUELS_VEG	N	**SURFACE FUELS VEGETATION DATA:** Computed. The number of transects on which the surface fuels data were collected. It is equal to a count of the child setting records. *(SELECT COUNT(DISTINCT i_sm2.cn)* *FROM nrv_setting_measurements i_sm2* *WHERE i_sm2.setmeas_cn_of = sm1.cn* *GROUP BY i_sm2.setmeas_cn_of))* *Where sm1 = nrv_setting_measurements*
NRCS_PLANT_SPECIES_OM	VC(8)	**OCULAR MACROPLOT DATA:** The NRCS PLANTS code of the species represented by this record. For example, PSME = *Pseudotsuga menziesii*. Constrained by the appropriate TAXA table. *nrv_cover_measurements.species_symbol*

NRV_FFI_VM (cont.)

Name	Size	Description
NUMBER_OF_TRANSECTS_ 1000HR	N	**DOWNED WOODY MATERIAL DATA, 1000-HR:** Computed. The number of transects on which the 1000-hour downed woody material data were collected. If the loader_version = 'NIMSLOA' then no_of_transects_1000hr = the number of plot count records linked to child setting records where the plots_installed is NOT NULL. Otherwise, it is equal to the number of plot count records linked to child setting records and sample design records of the 1000-hour downed woody material provided the value is not null, in which case it is equal to a count of the child setting records. *DECODE(SUBSTR(sm1.loader_version, 1, 7),* *'NIMSLOA',* *(SELECT COUNT(DISTINCT pc.setmeas_cn)* *FROM nrv_plot_counts pc* *WHERE pc.design_cn = sd.cn* *AND pc.setmeas_cn != sm1.cn* *AND pc.plots_installed IS NOT NULL),* *DECODE(nrv_brown_trsct_comp.divisor_new(sm1.cn,* *'1000h'),* *NULL, (SELECT COUNT(DISTINCT i_sm2.cn)* *FROM nrv_setting_measurements i_sm2* *WHERE i_sm2.setmeas_cn_of = sm1.cn* *GROUP BY i_sm2.setmeas_cn_of),* *nrv_brown_trsct_comp.divisor_new(sm1.cn,* *'1000h'))* *Where:* *sm1 = nrv_setting_measurements,* *pc=nrv_plot_counts,* *sd=nrv_sample_designs,* *dw=nrv_down_woody_measurements*
PARENT_CN	VC(34)	**GENERAL DATA:** Foreign key to the parent setting record in nrv_setting_measurements. *nrv_setting_measurements.cn*

NRV_FFI_VM (cont.)

Name	Size	Description
PIECE_COUNT_1000HR	N	**DOWNED WOODY MATERIAL DATA, 1000-HR:** The number of pieces in this size class. *DECODE(GREATEST(sc.subpop_min_value, 2 .9),* *LEAST(sc.subpop_min_value, 3.1),* *dw.no_of_pieces, NULL)* *Where:* *sc = nrv_selection_criteria,* *dw=nrv_down_woody_measurements*
PIECE_COUNT_100HR	N	**DOWNED WOODY MATERIAL DATA, 100-HR:** The number of pieces in this size class. *DECODE(GREATEST(sc.subpop_min_value, 0 .9),* *LEAST(sc.subpop_min_value, 1.1),* *dw.no_of_pieces, NULL)* *Where:* *sc = nrv_selection_criteria,* *dw=nrv_down_woody_measurements*
PIECE_COUNT_10HR	N	**DOWNED WOODY MATERIAL DATA, 10-HR:** The number of pieces in this size class. *DECODE(GREATEST(sc.subpop_min_value, 0 .25),* *LEAST(sc.subpop_min_value, 0.3),* *dw.no_of_pieces, NULL)* *Where:* *sc = nrv_selection_criteria,* *dw=nrv_down_woody_measurements*
PIECE_COUNT_1HR	N	**DOWNED WOODY MATERIAL DATA, 1-HR:** The number of pieces in this size class. *DECODE(GREATEST(sc.subpop_min_value, 0),* *LEAST(sc.subpop_min_value, 0.1),* *dw.no_of_pieces, NULL)* *Where:* *sc = nrv_selection_criteria,* *dw=nrv_down_woody_measurements*

NRV_FFI_VM (cont.)

Name	Size	Description
PIECE_DIAMETER_1000HR	N	**DOWNED WOODY MATERIAL DATA, 1000-HR:** The cross-sectional width, in inches, of a downed woody piece, measured through the center of the stem (measured at transect intersection for transect samples). *nrv_down_woody_measurements.diameter*
PLOT_ID_TREE	VC(10)	**TREE DATA:** 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. FIA National Core Data: 1 = Center 2 = North 3 = Southeast 4 = Southwest *nrv_setting_measurements.level_2_id (from the child setting record)*
PROJECT_NAME	VC(25)	**GENERAL DATA:** 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. *nrv_setting_measurements.project_name*
REGION_ADMIN	VC(2)	**GENERAL DATA:** Administrative Region number. *nrv_setting_measurements.region_admin*
REMARKS_1000HR	VC(255)	**DOWNED WOODY MATERIAL DATA, 1000-HR:** Remarks entered for the sample design record to which the 1000-hour downed woody material records are linked. Distinguishes P2/P3 surveys for FIA data. *nrv_sample_designs.remarks*

NRV_FFI_VM (cont.)

Name	Size	Description
REMARKS_100HR	VC(255)	**DOWNED WOODY MATERIAL DATA, 100-HR:** Remarks entered for the sample design record to which the 100-hour downed woody material records are linked. Distinguishes P2/P3 surveys for FIA data. *nrv_sample_designs.remarks*
REMARKS_10HR	VC(255)	**DOWNED WOODY MATERIAL DATA, 10-HR:** Remarks entered for the sample design record to which the 10-hour downed woody material records are linked. Distinguishes P2/P3 surveys for FIA data. *nrv_sample_designs.remarks*
REMARKS_1HR	VC(255)	**DOWNED WOODY MATERIAL DATA, 1-HR:** Remarks entered for the sample design record to which the 1-hour downed woody material records are linked. Distinguishes P2/P3 surveys for FIA data. *nrv_sample_designs.remarks*
SAMPLE_LOCATION_DUFF_LITTER	N	**DUFF & LITTER DATA:** Computed. If duff depth were collected, then it is the subsample number unless that is NULL, in which case it is 0. *TO_NUMBER(DECODE((SELECT AVG(depth) FROM nrv_down_woody_measurements WHERE setmeas_cn = sm2.cn), NULL, NULL, NVL(dw.subsample, 0)))* *Where dw=nrv_down_woody_measurements*

NRV_FFI_VM (cont.)

Name	Size	Description
SAMPLE_LOCATION_SURF_FUELS_VEG	VC(10)	**SURFACE FUELS VEGETATION DATA:** 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. FIA National Core Data: 1 = Center 2 = North 3 = Southeast 4 = Southwest *nrv_setting_measurements.level_2_id (from the child setting record)*
SETTING_ID	VC(30)	**GENERAL DATA:** 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 annual FIA data – State(2)//Survey Unit(2)//County(3)//Plot(5) *rv_setting_measurements.setting_id*
SETTING_TPA_TREE	N	**TREE DATA:** Computed. The number of trees per acre, at the stand level, that a tree record represents. *nrv_stand_plot_tree_vm.stand_tpa_eq*
SIZE_CLASS_OM	VC	**OCULAR MACROPLOT DATA:** NULL. Not currently filled.
SPECIES_TREE	VC(8)	**TREE DATA:** The NRCS PLANTS code of the species represented by this record. For example, PSME = *Pseudotsuga menziesii*. Constrained by the appropriate TAXA table. *nrv_tree_measurements.species_symbol*

NRV_FFI_VM (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>STATUS_OM</td><td>VC(1)</td><td>OCULAR MACROPLOT DATA: Indicates whether the vegetation component is alive or dead:

<table><tr><th>Code</th><th>Description</th><th>Use</th></tr><tr><td>L</td><td>Live</td><td>CSE</td></tr><tr><td>D</td><td>Dead</td><td>CSE</td></tr></table>
nrv_cover_measurements.live_dead</td></tr>
<tr><td>TAG_ID_TREE</td><td>VC(5)</td><td>TREE DATA: Unique number physically attached to a tree or assigned to a tree record.

nrv_tree_measurements.tag_id</td></tr>
<tr><td>TRANSECT_LENGTH_1000HR</td><td>N</td><td>DOWNED WOODY MATERIAL DATA, 1000-HR: Remarks entered for the sample design record to which the 100-hour downed woody material records are linked.

nrv_sample_designs.remarks</td></tr>
<tr><td>TRANSECT_LENGTH_100HR</td><td>N</td><td>DOWNED WOODY MATERIAL DATA, 100-HR: The length of the fixed transect line expressed as a horizontal distance.

nrv_sample_designs.sample_expansion_factor</td></tr>
<tr><td>TRANSECT_LENGTH_10HR</td><td>N</td><td>DOWNED WOODY MATERIAL DATA, 10-HR: The length of the fixed transect line expressed as a horizontal distance.

nrv_sample_designs.sample_expansion_factor</td></tr>
<tr><td>TRANSECT_LENGTH_1HR</td><td>N</td><td>DOWNED WOODY MATERIAL DATA, 1-HR: The length of the fixed transect line expressed as a horizontal distance.

nrv_sample_designs.sample_expansion_factor</td></tr>
</table>

NRV_FFI_VM (cont.)

Name	Size	Description
TRANSECT_SLOPE_1000HR	N	**DOWNED WOODY MATERIAL DATA, 1000-HR:** For FIA data, the average percent slope within the condition, with NULL values converted to 0. Valid values are 0 through 200. Before 2000, the field crew measured condition slope. Beginning in 2000, slope is collected on subplots but no longer collected for conditions. For plots taken after 2000, the slope from the subplot representing the greatest percentage of the condition will be assigned as a surrogate. NULL for stand exam data. *NVL((SELECT mc.slope* *FROM nrv_fia_mapped_conditions mc* *WHERE mc.setmeas_cn = sm1.cn* *AND mc.cn = dw.mapcond_cn), 0)* *Where:* *sm1 = nrv_setting_measurements,* *dw=nrv_down_woody_measurements*
TRANSECT_SLOPE_100HR	N	**DOWNED WOODY MATERIAL DATA, 100-HR:** For FIA data, the average percent slope within the condition, with NULL values converted to 0. Valid values are 0 through 200. Before 2000, the field crew measured condition slope. Beginning in 2000, slope is collected on subplots but no longer collected for conditions. For plots taken after 2000, the slope from the subplot representing the greatest percentage of the condition will be assigned as a surrogate. NULL for stand exam data. *NVL((SELECT mc.slope* *FROM nrv_fia_mapped_conditions mc* *WHERE mc.setmeas_cn = sm1.cn* *AND mc.cn = dw.mapcond_cn), 0)* *Where:* *sm1 = nrv_setting_measurements,* *dw=nrv_down_woody_measurements*

NRV_FFI_VM (cont.)

Name	Size	Description
TRANSECT_SLOPE_10HR	N	**DOWNED WOODY MATERIAL DATA, 10-HR:** For FIA data, the average percent slope within the condition, with NULL values converted to 0. Valid values are 0 through 200. Before 2000, the field crew measured condition slope. Beginning in 2000, slope is collected on subplots but no longer collected for conditions. For plots taken after 2000, the slope from the subplot representing the greatest percentage of the condition will be assigned as a surrogate. NULL for stand exam data. *NVL((SELECT mc.slope* *FROM nrv_fia_mapped_conditions mc* *WHERE mc.setmeas_cn = sm1.cn* *AND mc.cn = dw.mapcond_cn), 0)* *Where:* *sm1 = nrv_setting_measurements,* *dw=nrv_down_woody_measurements*
TRANSECT_SLOPE_1HR	N	**DOWNED WOODY MATERIAL DATA, 1-HR:** For FIA data, the average percent slope within the condition, with NULL values converted to 0. Valid values are 0 through 200. Before 2000, the field crew measured condition slope. Beginning in 2000, slope is collected on subplots but no longer collected for conditions. For plots taken after 2000, the slope from the subplot representing the greatest percentage of the condition will be assigned as a surrogate. NULL for stand exam data. *NVL((SELECT mc.slope* *FROM nrv_fia_mapped_conditions mc* *WHERE mc.setmeas_cn = sm1.cn* *AND mc.cn = dw.mapcond_cn), 0)* *Where:* *sm1 = nrv_setting_measurements,* *dw=nrv_down_woody_measurements*

NRV_FFI_VM columns organized by data groups:

General Data:

PARENT_CN
REGION_ADMIN
FOREST_ADMIN
DISTRICT
PROJECT_NAME
SETTING_ID
MEASUREMENT_DATE

Tree Data:

PLOT_ID_TREE
TAG_ID_TREE
UNIQUE_NO_TREE
LIVE_DEAD_TREE
SETTING_TPA_TREE
SPECIES_TREE
DBH_TREE
DRC_TREE
HEIGHT_TREE
CROWN_RATIO_TREE
CROWN_BASE_HEIGHT_TREE

Downed Woody Material Data, 1-hr:

REMARKS_1HR
NO_OF_TRANSECTS_1HR
TRANSECT_LENGTH_1HR
LEVEL_2_1HR
LEVEL_3_1HR
TRANSECT_SLOPE_1HR
PIECE_COUNT_1HR

Downed Woody Material Data, 10-hr:

REMARKS_10HR
NO_OF_TRANSECTS_10HR
TRANSECT_LENGTH_10HR
LEVEL_2_10HR
LEVEL_3_10HR
TRANSECT_SLOPE_10HR
PIECE_COUNT_10HR

Downed Woody Material Data, 100-hr:

REMARKS_100HR
NO_OF_TRANSECTS_100HR
TRANSECT_LENGTH_100HR
LEVEL_2_100HR
LEVEL_3_100HR
TRANSECT_SLOPE_100HR
PIECE_COUNT_100HR

Downed Woody Material Data, 1000-hr:

REMARKS_1000HR
NUMBER_OF_TRANSECTS_1000HR
TRANSECT_LENGTH_1000HR
LEVEL_2_1000HR
LEVEL_3_1000HR
TRANSECT_SLOPE_1000HR
PIECE_COUNT_1000HR
PIECE_DIAMETER_1000HR
DECAY_CLASS_1000HR

Duff & Litter Data:

NO_OF_TRANSECTS_DUFF_LITTER
LEVEL_2_DUFF_LITTER
LEVEL_3_DUFF_LITTER
SAMPLE_LOCATION_DUFF_LITTER
DUFF_DEPTH
LITTER_DEPTH

Surface Fuels Vegetation Data:

NO_OF_TRANSECTS_SURF_FUELS_VEG
SAMPLE_LOCATION_SURF_FUELS_VEG
LIVE_HERB_COVER
DEAD_HERB_COVER
AVG_HERB_HT
LIVE_SHRUB_COVER
DEAD_SHRUB_COVER
AVG_SHRUB_HT

Ocular Macroplot Data:

LEVEL_2_OM
NO_OF_TRANSECTS_OM
NRCS_PLANT_SPECIES_OM
STATUS_OM
SIZE_CLASS_OM
COVER_OM
HEIGHT_OM

NRV_FVS_PLOTINIT_VM

Contains Forest Vegetation Simulator plot level input data.

Name	Size	Description
STAND_CN ***Required***	VC(34)	Foreign key to stand record in Nrv_setting_measurements
ADDFILES	VC(2)	List of addfiles
AGE	NUMBER	Stand age, in years, at time of measurement
ASPECT	NUMBER	Aspect in degrees
BASAL_AREA_FACTOR	NUMBER	Always set to Zero
BRK_DBH	NUMBER	Always set to "999"
COMPARTMENT	VC(10)	Compartment code within National Forest or District
COUNTY	NUMBER	County FIPS code
DATUM	VC(50)	The reference system used for geodetic control, within which latitude and longitude are defined
DG_MEASURE	NUMBER	Diameter growth measurement period
DG_TRANS	NUMBER	Diameter growth translation code. (0=direct increment measure, 1=remeasured dimeter)
DISTRICT	VC(2)	District code within National Forest
ECOREGION	VC(7)	Bailey's Ecoregion code
ELEVATION	NUMBER	Populated with NULL
ELEVFT	NUMBER	Elevation in feet, rounded to 1 decimal place
FOREST	VC(2)	National Forest administrative code
FOREST_TYPE	NUMBER	Populated with NULL
FUEL_1_3	NUMBER	Initial tons per acre of 1 to 3 inch fuel rounded to 3 decimal places
FUEL_3_6_H	NUMBER	Initial tons per acre of hard 3 to 6 inch fuel rounded to 3 decimal places
FUEL_3_6_S	NUMBER	Initial tons per acre of soft 3 to 6 inch fuel rounded to 3 decimal places
FUEL_6_12_H	NUMBER	Initial tons per acre of hard 6 to 12 inch fuel rounded to 3 decimal places
FUEL_6_12_S	NUMBER	Initial tons per acre of soft 6 to 12 inch fuel rounded to 3 decimal places
FUEL_12_20_H	NUMBER	Initial tons per acre of hard 12 to 20 inch fuel rounded to 3 decimal places
FUEL_12_20_S	NUMBER	Initial tons per acre of soft 12 to 20 inch fuel rounded to 3 decimal places
FUEL_20_35_H	NUMBER	Initial tons per acre of hard 20 to 35 inch fuel rounded to 3 decimal places
FUEL_20_35_S	NUMBER	Initial tons per acre of soft 20 to 35 inch fuel rounded to 3 decimal places
FUEL_35_50_H	NUMBER	Initial tons per acre of hard 35 to 50 inch fuel rounded to 3 decimal places
FUEL_35_50_S	NUMBER	Initial tons per acre of soft 35 to 50 inch fuel rounded to 3 decimal places
FUEL_DUFF	NUMBER	Initial tons per acre of duff rounded to 3 decimal places

NRV_FVS_PLOTINIT_VM (cont.)

Name	Size	Description
FUEL_GT_50_H	NUMBER	Initial tons per acre of hard greater than 50 inch fuel rounded to 3 decimal places
FUEL_GT_50_S	NUMBER	Initial tons per acre of soft greater than 50 inch fuel rounded to 3 decimal places
FUEL_LITTER	NUMBER	Currently populated with NULL
FUEL_MODEL	NUMBER	Fire behavior fuel model
FUEL_0_25	NUMBER	Initial tons per acre of 0 to 0.24 inch fuel rounded to 3 decimal places
FUEL_25_1	NUMBER	Initial tons per acre of 0.25 to 0.99 inch fuel rounded to 3 decimal places
FVSKEYWORDS	VC(2)	List of keywords
GIS_LINK	VC(26)	FSVeg GIS Link Cn
GROUPS	VC(86)	List of grouping codes
HTG_MEASURE	N(2)	Height growth measurement period
HTG_TRANS	NUMBER	Populated with 0
INV_PLOT_SIZE	NUMBER	Populated with 1.0
INV_YEAR	NUMBER	The stand inventory year
LATITUDE	NUMBER	Latitude, in decimal degrees, rounded to 4 decimals
LOCATION	VC(0)	Location identification code
LONGITUDE	NUMBER	Longitude, in decimal degrees, rounded to 4 decimals
MAX_BA	NUMBER	Populated with NULL
MAX_SDI	NUMBER	Populated with NULL
MODEL_TYPE	NUMBER	Populated with NULL
MORT_MEASURE	N(2)	Mortality measurement period
NONSTK_PLOTS	NUMBER	Number of non-stockable plots
NUM_PLOTS	NUMBER	Number of plots (when sub-sampling, populated with 1)
PHOTO_CODE	VC(20)	Photo code identifier
PHOTO_REF	VC(10)	Photo series reference number
PHYSIO_REGION	NUMBER	Populated with NULL
PLOT_CN	VC(34)	Cn for child setting record
PLOT_ID	VC(10)	Level_2_id for child setting record
PROJECT_NAME	VC(25)	Defined by the organization
PV_CODE	VC(10)	Potential vegetation code for the top-level setting (stand)
PV_REF_CODE	VC(10)	Potential Vegetation Reference Code – the document from which the PV_CODE was obtained
REGION	VC(2)	National Forest administrative region
SAM_WT	NUMBER	Sampling Weight used to compute average yield tables and other weighted averages; populated with 1
SITE_INDEX	NUMBER	Site index rounded to 0 decimal places
SITE_INDEX_BASE_AGE	NUMBER	The reference age on which site index is based
SITE_INDEX_REFERENCE_CODE	VC(3)	Site Index reference identifier
SITE_SPECIES	VC(8)	Site Species Code. NRCS plants code
SLOPE	NUMBER	Slope in percent
STAND_ID	VC(30)	Setting_id for parent setting record
STANDPLOT_CN	VC(39)	Cn for parent setting record||4-digit 0-filled stand number
STANDPLOT_ID	VC(35)	Setting id||4-digit 0-filled stand number
STATE	NUMBER	State FIPS Code
STK_PCNT	NUMBER	Stock-able percent
VARIANT	VC(11)	Variant identification code. Multiple codes are possible

NRV_FVS_STANDINIT_VM

Contains Forest Vegetation Simulator stand level input data.

Name	Size	Description
STAND_CN ***Required***	VC(34)	Foreign key to stand record in Nrv_setting_measurements
ADDFILES	VC(0)	Always sest to Null
AGE	NUMBER	Stand age ,in years , at time of measurement
ASPECT	NUMBER	Nrv_setting_measurements.aspect For FIA mapped condition plots, when data is loaded without plurality option, populated from Nrv_fia_mapped_conditions
BASAL_AREA_FACTOR	NUMBER	Always set to Zero
BRK_DBH	NUMBER	Always set to "999"
COMPARTMENT	VC(10)	Compartment code within National Forest or District
COUNTY	NUMBER	County FIPS code
DATUM	VC(50)	The reference system used for geodetic control, within which latitude and longitude are defined
DG_MEASURE	N(2)	Diameter growth measurement period
DG_TRANS	NUMBER	Diameter growth translation code as defined for FVS. Set to 0 when Nrv_setting_measurements.measurement_no is null, zero, or one. Otherwise set to NULL
DISTRICT	VC(2)	Nrv_setting_measurements.district_no
ECOREGION	VC(6)	Nrv_setting_measurements.ecoregion
ELEVFT	N(6,1)	Nrv_setting_measurement.elevation
FOREST	VC(2)	Nrv_setting_measurements.forest_admin (when available) Set to Nrv_setting_measurements.forest_proc when Nrv_setting_measurements.forest_admin is null. For FIA mapped condition plots, when data loaded without plurality option, forest gets populated from Nrv_fia_mapped_conditions using same logic as above from the majority condition.
FOREST_TYPE	NUMBER	Always set to NULL
FUEL_1_3	NUMBER	Fuel load (tons/acre) for 1-3 inch pieces. Nrv_brown_trsct_comp.fuel_init_2 function
FUEL_3_6_H	NUMBER	Fuel load (tons/acre) for hard 3-6 inch pieces. Nrv_brown_trsct_comp.fuel_init_3 function
FUEL_3_6_S	NUMBER	Fuel load (tons/acre) for soft 3-6 inch pieces. Nrv_brown_trsct_comp.fuel_init_3 function
FUEL_6_12_H	NUMBER	Fuel load (tons/acre) for hard 6-12 inch pieces. Nrv_brown_trsct_comp.fuel_init_4 function
FUEL_6_12_S	NUMBER	Fuel load (tons/acre) for soft 6-12 inch pieces. Nrv_brown_trsct_comp.fuel_init_4 function
FUEL_12_20_H	NUMBER	Fuel load (tons/acre) for hard 12-20 inch pieces. Nrv_brown_trsct_comp.fuel_init_5 function
FUEL_12_20_S	NUMBER	Fuel load (tons/acre) for soft 12-20 inch pieces. Nrv_brown_trsct_comp.fuel_init_5 function
FUEL_20_35_H	NUMBER	Fuel load (tons/acre) for hard 20-35 inch pieces. Nrv_brown_trsct_comp.fuel_init_6 function
FUEL_20_35_S	NUMBER	Fuel load (tons/acre) for soft 20-35 inch pieces. Nrv_brown_trsct_comp.fuel_init_6 function

NRV_FVS_STANDINIT_VM (cont.)

Name	Size	Description
FUEL_35_50_H	NUMBER	Fuel load (tons/acre) for hard 35-50 inch pieces. Nrv_brown_trsct_comp.fuel_init_7 function
FUEL_35_50_S	NUMBER	Fuel load (tons/acre) for soft 35-50 inch pieces. Nrv_brown_trsct_comp.fuel_init_7 function
FUEL_DUFF	NUMBER	Fuel load (tons/acre) for litter and duff Nrv_fvs_db.get_duff_r1 function. Only populated where nrv_setting_measurements.region_proc = '01'
FUEL_GT_50_H	NUMBER	Fuel load (tons/acre) for hard greater than 50 inch pieces Nrv_brown_trsct_comp.fuel_init_8 function
FUEL_GT_50_S	NUMBER	Fuel load (tons/acre) for soft greater than 50 inch pieces Nrv_brown_trsct_comp.fuel_init_8 function
FUEL_LITTER	NUMBER	Always set to NULL
FUEL_MODEL	NUMBER	Fire behavior fuel model
FUEL_0_25	NUMBER	Initial tons per acre of 0 to 0.24 inch fuel rounded to 3 decimal places
FUEL_25_1	NUMBER	Initial tons per acre of 0,25 to 0.99 inch fuel rounded to 3 decimal places
FVSKEYWORDS	VC(0)	List of keywords
GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
GROUPS	N(15,4)	List of grouping codes
HTG_MEASURE	N(2)	Nrv_setting_measurements.height_growth_interval.
HTG_TRANS	NUMBER	Always set to zero
INV_PLOT_SIZE	NUMBER	Always set to '1'
INV_YEAR	NUMBER	Nrv_setting_measurements.measurement_date
LATITUDE	NUMBER	Nrv_setting_measurements.latitude_deg, _min, and _sec
LOCATION	VC(0)	Location identification code
LONGITUDE	NUMBER	Nrv_setting_measurements.longitude_deg, _min, and _sec
MAX_BA	NUMBER	Always set to NULL
MAX_SDI	NUMBER	Always set to NULL
MODEL_TYPE	NUMBER	Always set to NULL
MORT_MEASURE	N(2)	Nrv_setting_measurements.recent_mortality_years
NONSTK_PLOTS	NUMBER	**Computed** by summing the number of children plot setting records where Nrv_setting_measurements.capable_grow_area_pct = 0 For FIA settings, computed by summing the number of children plot settings where Nrv_fia_setting_measurements.plot_status = 2.
NUM_PLOTS	NUMBER	If no sub-sampling, then Nrv_fvs_db.get_plot_count function. If sub-sampling, set to '1'.
PHOTO_CODE	VC(20)	Photo code identifier
PHOTO_REF	VC(10)	Photo series reference number
PHYSIO_REGION	NUMBER	Always set to NULL
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
PV_CODE	VC(10)	Nrv_setting_measurements.pv_code
PV_REF_CODE	VC(10)	Nrv_setting_measurements.pv_ref_code

NRV_FVS_STANDINIT_VM (cont.)

Name	Size	Description
REGION	VC(2)	Nrv_setting_measurements.region_admin (when available) Set to Nrv_setting_measurements.region_proc when Nrv_setting_measurements.region_admin is null. For FIA mapped condition plots, when data loaded without plurality option, region gets populated from Nrv_fia_mapped_conditions using same logic as above from the majority condition.
SAM_WT	NUMBER	Nrv_setting_measurements.setting_size. For FIA data: Nrv_fia_setting_measurements.expansion_factor_acre
SITE_INDEX	NUMBER	Nrv_stand.stand_si function. For FIA data: Nrv_site_indexes.site_index based on majority condition logic
SITE_INDEX_BASE_AGE	NUMBER	The reference age on which site index is based
SITE_INDEX_REFERENCE_CODE	VC(3)	Site Index reference identifier
SITE_SPECIES	VC(8)	Nrv_stand.stand_si_sp function. For FIA data: Nrv_site_indexes.site_species based on majority condition logic
SLOPE	NUMBER	For non-FIA and FIA data loaded with the CONDITION MAJORITY this is populated from Nrv_setting_measurements.slope. For FIA Mapped plots, Nrv_fia_mapped_conditions.slope based on majority condition logic.
STAND_ID	VC(30)	Nrv_setting_measurements.setting_id
STATE	NUMBER	Nrv_setting_measurements.state
STK_PCNT	NUMBER	Nrv_setting_measurements.capable_grow_area_pct when this column is not null. If the parent value is NULL, Nrv_fvs_db.get_avg_plot_grow_area_pct function.
VARIANT	VC(11)	Variant identification code. Multiple codes are possible

NRV_FVS_TREEINIT_VM

Contains Forest Vegetation Simulator plot and tree level input data.

Name	Size	Description
STAND_CN ***Required***	VC(34)	Foreign key to the stand record in Nrv_setting_measurements
TREE_CN ***Required***	VC(34)	Foreign key to the tree record in Nrv_tree_measurements
PLOT_CN	VC(34)	Database control number for child setting record
STANDPLOT_CN	VC(39)	Stand CN concatenated with plot ID
STANDPLOT_ID	VC(39)	Setting ID concatenated with plot ID
AGE	N(4)	Tree age at time of measurement. Stored in years.
ASPECT	NUMBER	Nrv_setting_measurements.aspect
CRCLASS	VC(2)	Relative position of the tree with respect to other trees or competing vegetation
CRRATIO	NUMBER	Nrv_tree_measurements.crown_ratio

NRV_FVS_TREEINIT_VM (cont.)

Name	Size	Description
DAMAGE1	NUMBER	FVS damage code that corresponds to the FSVeg damage code
DAMAGE2	NUMBER	FVS damage code that corresponds to the FSVeg damage code
DAMAGE3	NUMBER	FVS damage code that corresponds to the FSVeg damage code.
DEFECT_BOARD	VC(3)	Board foot volume loss in percent
DEFECT_CUBIC	VC(3)	Cubit foot volume loss, in percent
DG	NUMBER	FVS periodic diameter increment data used to calibrate the diameter increment model. If DG is measured on five or more sample trees of a species with a diameter of at least 3.0 inches at the start of the growth period, the model for that species is calibrated.
DIAMETER	NUMBER	Nrv_tree_measurements.diameter
DIAMETER_HT	N(6,3)	Nrv_tree_measurements.diameter_height
HISTORY	NUMBER	FVS tree history code
HT	N(7,4)	Nrv_tree_measurements.height
HT_TO_LIVE_CROWN	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.
HTG	NUMBER	Nrv_tree_measurements.height_growth
HTTOPK	NUMBER	Nrv_tree_measurements.height_topkill
PLOT_ID	NUMBER	Nrv_setting_measurements.level_2_id
PRESCRIPTION	NUMBER	Nrv_tree_measurements.first_treatment_option
PV_CODE	VC(10)	Nrv_pv_cover_types
PV_REF_CODE	VC(10)	This column is constrained by the codes in Nrv_cover_references
SEVERITY1	NUMBER	Nrv_tree_disturbances. Based on agent_code, category_code, severity_rating_code, effect_code, and effect_severity.
SEVERITY2	NUMBER	Nrv_tree_disturbances. Based on agent_code, category_code, severity_rating_code, effect_code, and effect_severity.
SEVERITY3	NUMBER	Nrv_tree_disturbances. Based on agent_code, category_code, severity_rating_code, effect_code, and effect_severity.
SITEPREP	NUMBER	**Not available yet**
SITE_TREE_FLAG	NUMBER	Flag to indicate if a tree is a site tree
SLOPE	NUMBER	Nrv_setting_measurements.slope
SPECIES	VC(8)	Nrv_tree_measurements.species.symbol
STAND_ID	VC(30)	Nrv_setting_measurements.setting_id
TAG_ID	VC(5)	Unique number physically attached to a tree or assigned to a tree record
TOPOCODE	NUMBER	FVS plot topographic position code.
TREEVALUE	NUMBER	Nrv_tree_measurements.tree_class
TREE_COUNT	NUMBER	Nrv_tree_measurements.tpa_equiv
TREE_ID	NUMBER	Nrv_tree_measurements.unique_no

NRV_PLOT_VM

Contains plot level data.

Name	Size	Description
STAND_CN	VC(34)	Foreign key to the stand record in Nrv_setting_measurements
PLOT_CN	VC(34)	Foreign key to the plot record in Nrv_setting_measurements
AGENCY	VC(4)	Nrv_setting_measurements.agency
ARCHIVE_DATE	DATE	The date the plot record was archived
ARCHIVE_FLAG	VC(1)	Flag to indicate this setting measurement record does not represent the current status of the vegetation. Y = Yes, this is an archived record.
ASPECT	N(3)	Nrv_setting_measurements.aspect
BA	NUMBER	**Computed**. Plot basal area per acre. Live trees only.
BIOMASS_STOCKING	NUMBER	**Not available yet.**
BOARD_STOCKING	NUMBER	**Computed.** Plot board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
CLUSTR	VC(6)	Nrv_setting_measurements.level_1_id (Region 5 only)
COMPARTMENT	VC(10)	Nrv_setting_measurements.compartment_no (not populated for most stand exam data)
CONSEC_PT_NUM	VC(8)	Nrv_setting_measurements.consec_pt_num
CORDS_STOCKING	NUMBER	**Not available yet.**
COUNTY	VC(3)	Nrv_setting_measurements.county
CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
DISTRICT	VC(2)	Nrv_setting_measurements.district
DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code
DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date

NRV_PLOT_VM (cont.)

Name	Size	Description
DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
EV	VC(10)	Nrv_setting_measurements.ev_code
EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
FOREST_ADMIN	VC(2)	Nrv_setting_measurements.forest_admin
FOREST_PROC	VC(2)	Nrv_setting_measurements.forest_proc
FSVEG_ID	VC(40)	Nrv_setting_measurements.fsveg_id (from the plot record)
GEOGRAPHICAL_AREA	VC(5)	Nrv_setting_measurements.geographical_area
HISTORY1	VC(6)	Nrv_setting_histories.history_code
HISTORY2	VC(6)	Nrv_setting_histories.history_code
HISTORY3	VC(6)	Nrv_setting_histories.history_code
HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
LATITUDE_DEG	NUMBER	Nrv_setting_measurements.latitude_deg
LATITUDE_GIS	N(11,6)	Nrv_setting_measurements.latitude_gis (from the plot record)
LATITUDE_MIN	NUMBER	Nrv_setting_measurements.latitude_min
LATITUDE_SEC	NUMBER	Nrv_setting_measurements.latitude_sec
LAT_LON_DATUM	VC(2)	Nrv_setting_measurements.lat_lon_datum
LONGITUDE_DEG	NUMBER	Nrv_setting_measurements.longitude_deg
LONGITUDE_GIS	N(11,6)	Nrv_setting_measurements.longitude_gis (from the plot record)
LONGITUDE_MIN	NUMBER	Nrv_setting_measurements.longitude_min
LONGITUDE_SEC	NUMBER	Nrv_setting_measurements.longitude_sec
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date
MEASUREMENT_NO	VC(2)	Nrv_setting_measurements.measurement_no
MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
NET_BOARD_STOCKING	NUMBER	**Not available yet.** Plot board foot volume per acre after defect has been detected. Live trees only.
NET_CUBIC_STOCKING	NUMBER	**Not available yet**. Plot cubic foot volume per acre, after defect is deducted. Live trees only.

NRV_PLOT_VM (cont.)

Name	Size	Description
NET_MERCH_CUBIC_ STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
NFS_LAND_CLASS	VC(3)	Nrv_setting_measurements.nfs_land_class
OWNER	VC(4)	Nrv_setting_measurements.owner
PLOT	VC(10)	Nrv_setting_measurements.level_2_id
PLOT_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
PLS_MERIDIAN	VC(2)	Nrv_setting_measurements.meridian_code
PLS_RANGE	VC(5)	Nrv_setting_measurements.pls_range
PLS_SECTION	VC(2)	Nrv_setting_measurements.pls_section
PLS_SUBDIVISION	VC(4)	Nrv_setting_measurements.pls_subdivision
PLS_TOWNSHIP	VC(5)	Nrv_setting_measurements.pls_township
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
PURPOSE-CODE	VC(4)	Code that represents the reson for the survey
PV	VC(10)	Nrv_setting_measurements.pv_code
PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
QMD	NUMBER	**Computed.** Plot quadratic mean diameter. Live trees only.
REGION_ADMIN	VC(2)	Nrv_setting_measurements.region_admin
REGION_PROC	VC(2)	Nrv_setting_measurements.region_proc
RESERVE_CLASS	VC(2)	Nrv_setting_measurements.reserve_class
RPA_LAND_CLASS	VC(2)	Nrv_setting_measurements.rpa_land_class
SDI	NUMBER	**Computed.** Plot Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
SEEDLINGS	NUMBER	**Computed**. The plot number of trees per acre, of live trees less than 4.5 feet tall.
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id
SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
SITE_INDEX_CALC	NUMBER	**Computed.** Plot site index
SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
SITE_INDEX_REF_CALC	VC(5)	**Computed.** Reference used in the site_index_calc field. This value is determined from site_index_species, Region, and Forest
SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10: the site species with the plurality of basal area in the plot. For Regions 2, 3, and 4, the RMSTAND algorithm is used
SLOPE	N(3)	Nrv_setting_measurements.slope
SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
SPATIAL_LINK	VC(1)	Nrv_setting_measurements.spatial_link (from the plot record)
STAND	VC(4)	Nrv_setting_measurements.level_1_id
STAND_1_M_FLAG	VC(1)	If Y this is data that will be or is measured multiple times
STAND_ACRES_GIS	N(10<2)	Nrv_setting_measurements. acres_gis
STAND_AGE	NUMBER	**Computed** (System date – stand_origin_year)
STAND_ARCHIVE_DATE	DATE	The date the stand record was archived
STAND_FSVEG_ID	VC(40)	Nrv_setting_measurements.fsveg_id

NRV_PLOT_VM (cont.)

Name	Size	Description
STAND_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
STAND_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
STAND_ORIGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_origin
STAND_SIZE	N(8,4)	Nrv_setting_measurements.setting_Size
STAND_SPATIAL_LINK	VC(1)	Nrv_setting_measurements.spatial_link
STATE	VC(2)	Nrv_setting_measurements.state
STATE_PLANE_DATUM	VC(10)	Nrv_setting_measurements.state_plane_datum
STATE_PLANE_X	NUMBER	Nrv_setting_measurements.state_plane_x
STATE_PLANE_Y	NUMBER	Nrv_setting_measurements.state_plane_y
STATE_PLANE_ZONE	VC(10)	Nrv_setting_measurements.state_plane_zone
STOCKING_PERCENT	N(3)	Nrv_setting_measurements.stocking_percent
STRATUM	VC(6)	Nrv_setting_measurements.stratum
STRATUM_EXPANSION_ FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion_ factor
STRUCTURE	VC(2)	Nrv_setting_measurements.structure
SUBCOMPARTMENT	VC(10)	Nrv_setting_measurements.subcompartment_no
SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
SURVEY_UNIT	VC(2)	Nrv_setting_measurements.survey_unit
TPA	NUMBER	**Computed**. The plot number of trees per acre. Live trees only.
UTM_DATUM	VC(10)	Nrv_setting_measurements.utm_datum
UTM_EASTING	NUMBER	Nrv_setting_measurements.utm_easting
UTM_NORTHING	NUMBER	Nrv_setting_measurements.utm_northing
UTM_ZONE	NUMBER	Nrv_setting_measurements.utm_zone

NRV_R8_FSVEG_STANDS_VM

Used to populate Geographic Interface products.

Name	Size	Description
SETMEAS_CN ***Required***	VC(34)	An ID number for this stand
SETTING_ID	VC(14)	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
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.
GIS_LINK	VC(12)	The identifier to link the setting to a Geographic Information System (GIS) coverage. For R8 this field is defined as RFFDDCCCSSSS
REGION	NUMBER	Administrative Region number
FOREST	NUMBER	Administrative Forest number

NRV_R8_FSVEG_STANDS_VM (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>DISTRICT</td><td>NUMBER</td><td>Ranger district number of the administrator or owner for the Stand</td></tr>
<tr><td>COMPARTMENT</td><td>NUMBER</td><td>A 4-digit number to identify an area on the ground. Corresponds to FSVeg: LOCATION</td></tr>
<tr><td>STAND</td><td>NUMBER</td><td>A 4-digit number to identify an area on the ground. Corresponds to FSVeg: LEVEL_1_ID</td></tr>
<tr><td>FOREST_PROC</td><td>NUMBER</td><td>Proclaimed Forest number</td></tr>
<tr><td>STATE</td><td>VC(2)</td><td>A 2-character State code. LOV: NRV_STATES</td></tr>
<tr><td>COUNTY</td><td>VC(3)</td><td>A 3-digit county code. LOV: NRV_COUNTIES</td></tr>
<tr><td>LAND_CLASS</td><td>NUMBER</td><td>Current land class used for NFS data. A classification that indicates the basic land cover. Corresponds to FSVeg: NFS_LAND_CLASS</td></tr>
<tr><td>LAND_CLASS_LOC_QUAL</td><td>VC(16)</td><td>A code to expand LAND_CLASS. Set forest-by-forest. No LOV.</td></tr>
<tr><td>UEAM</td><td>VC(16)</td><td>Stand is managed as Un-Even Aged stand. Set forest-by-forest. No LOV.</td></tr>
<tr><td>OLD_GROWTH</td><td>VC(16)</td><td>Stand is considered Old Growth. Set forest-by-forest. No LOV.</td></tr>
<tr><td>STAND_CONDITION</td><td>NUMBER</td><td>R8-specific code for condition of the satnd. Stand Condition Class. R8 codes:
<table>
<tr><th>Code</th><th>Description</th></tr>
<tr><td>1</td><td>In Regeneration</td></tr>
<tr><td>2</td><td>Damaged pole timber</td></tr>
<tr><td>3</td><td>Damaged sawtimber</td></tr>
<tr><td>4</td><td>Forest pest infestation</td></tr>
<tr><td>5</td><td>Sparse pole timber</td></tr>
<tr><td>6</td><td>Sparse sawtimber</td></tr>
<tr><td>7</td><td>Low quality pole timber</td></tr>
<tr><td>8</td><td>Low quality sawtimber</td></tr>
<tr><td>9</td><td>Mature pole timber</td></tr>
<tr><td>10</td><td>Mature sawtimber</td></tr>
<tr><td>11</td><td>Immature pole timber</td></tr>
<tr><td>12</td><td>Immature sawtimber</td></tr>
<tr><td>13</td><td>Seedling and sapling</td></tr>
<tr><td>14</td><td>Adequately stocked seedlings and saplings</td></tr>
<tr><td>15</td><td>Inadequately stocked/nonstocked</td></tr>
<tr><td>16</td><td>Group selection management</td></tr>
<tr><td>17</td><td>Individual tree selection management</td></tr>
</table></td></tr>
<tr><td>AGE_YEAR</td><td>NUMBER(4)</td><td>The year the stand was reforested. Corresponds to FSVeg: STAND_YEAR_OF_ORIGIN</td></tr>
</table>

NRV_R8_FSVEG_STANDS_VM (cont.)

<table>
<tr><th>Name</th><th>Size</th><th>Description</th></tr>
<tr><td>STAND_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></tr><tr><td>1</td><td>Natural vegetation – no evidence of artificial regeneration</td></tr><tr><td>2</td><td>Evidence of artificial regeneration – less than 40%</td></tr><tr><td>3</td><td>Evidence of artificial regeneration – 40% or more</td></tr><tr><td>4</td><td>Harvested recently – regeneration not yet evident</td></tr><tr><td>5</td><td>Evidence of artificial regeneration – percentage not estimated</td></tr><tr><td>7</td><td>Forest land encroachment</td></tr></table></td></tr>
<tr><td>PRODUCTIVITY</td><td>NUMBER(1)</td><td>Site productivity class code. A classification of forestland in terms of inherent capacity to grow crops of industrial wood. Identifies the potential growth in cubic feet/acre/year and is based on the culmination of mean annual increment of fully stocked natural stands.

<table><tr><th>Code</th><th>Site Productivity (cubic feet/acre/year)</th></tr><tr><td>1</td><td>225+</td></tr><tr><td>2</td><td>165-224</td></tr><tr><td>3</td><td>120-164</td></tr><tr><td>4</td><td>85-119</td></tr><tr><td>5</td><td>50-84</td></tr><tr><td>6</td><td>20-49</td></tr><tr><td>7</td><td>0-19</td></tr></table></td></tr>
<tr><td>PURPOSE_CODE</td><td>VC(4)</td><td>Code for the reason the inventory was done. LOV = NRV_EXAM_PURPOSE_CODES</td></tr>
<tr><td>ACRES</td><td>NUMBER(8,4)</td><td>Size of the stand. Corresponds to FSVeg: SETTING_SIZE. Units = Acres</td></tr>
<tr><td>INC_ACRES</td><td>NUMBER(8,4)</td><td>Size of areas within the stand that are of a different vegetation composition from the rest of the stand. The number of Acres for the stand includes this number.</td></tr>
</table>

NRV_R8_FSVEG_STANDS_VM (cont.)

Name	Size	Description
INC_ACRES_TYPE	VC(2)	Type of Inclusion Acres. Code / Description: 0 None 1 Hardwood inclusion 2 Softwood inclusion 3 Wildlife feature 4 Water feature 5 Rocks 6 Heritage feature 7 Insect/disease area 8 Opening 9 Other 10 Bogs and seeps
REMARKS	VC(255)	Remarks. Free format. No LOV.
REMARKS_CODE	VC(20)	Remarks Code. Set forest-by-forest. No LOV.
MANAGEMENT_AREA	VC(20)	Stands with similar management objectives and a common management prescription. Set forest-by-forest. No LOV.
ANALYSIS_AREA	VC(20)	Land delineation subject to analysis of responses to proposed management practices. Set forest-by-forest. No LOV.
MEASUREMENT_DATE	DATE	Date that the stand was inventoried.
FOREST_TYPE	NUMBER	An indicator of Forest Cover Type. Corresponds to FSVeg Existing Vegetation Codes. LOV = F8HR8
MGT_TYPE	NUMBER(3)	Forest Type that is expected to occur after the next regeneration of this stand.
PREV_FOR_TYPE	NUMBER	Forest Type of the stand prior to its most recent regeneration.
FOR_TYPE_SI	NUMBER(4,1)	Site Index for the Forest Type. Units = Feet by Base Year
MGT_TYPE_SI	NUMBER(4,1)	Site Index for the Management Type. Units = Feet by Base Year
FOR_TYPE_SI_SP	VC(8)	Species code for the species for which the Forest Type Site Index applies.
MGMT_TYPE_SI_SP	VC(8)	Species code for the species for which the Management Type Site Index applies.
BA_YEAR	NUMBER(7,2)	Year the stand was last inventoried. Corresponds to Measurement Date
BA_HARD_MAST	VC(20)	Basal Year of Hard Mast Species. Units = Square feet per acre
ARCHIVE_FLAG	VC(1)	Y = Stand is archived. Null = Stand is active.
BA_PINE_POLE	NUMBER	Pine Pole Basal Area Per Acres for a Setting. Units = Square feet per acre
BA_PINE_SAW	NUMBER	Pine Sawtimber Basal Area Per Acres for a Setting. Units = Square feet per acre

NRV_R8_FSVEG_STANDS_VM (cont.)

Name	Size	Description
BA_HARD_POLE	NUMBER	Hardwood Pole Basal Area Per Acres for a Setting. Units = Square feet per acre
BA_HARD_SAW	NUMBER	Hardwood Sawtimber Basal Area Per Acres for a Setting. Units = Sqpare feet per acre
DBH_PINE_POLE	NUMBER	Pine Pole Average DBH for a Setting. Units = Inches
DBH_HARD_POLE	NUMBER	Hardwood Pole Average DBH for a Setting. Units = Inches
DBH_HARD_SAW	NUMBER	Hardwood Sawtimber Average DBH for a Setting. Units = Inches

NRV_SAMPDW_VM

Used to assist in entering data into the down woody form.

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 the setting record in Nrv_setting_measurements
SAMPLE_EXPANSION_FACTOR	N(9,4)	Nrv_sample_designs.sample_expansion_factor
SELECTION_CRITERIA_NO	VC(3)	Nrv_selection_criteria.selection_criteria_no
SELECTION_METHOD_TYPE	VC(3)	Nrv_sample_designs.selection_method_type
SUBPOP	VC(3)	Nrv_selection_criteria.subpop
SUBPOP_MAX_VAL UE	N(13,4)	Nrv_selection_criteria.subpop_max_value
SUBPOP_MIN_VALUE	N(13,4)	Nrv_selection_criteria.subpop_min_value

NRV_SAMP_SELCRIT_VM

Used to connect the sample design and selection criteria tables

Name	Size	Description
SD_CN	VC(34)	A system-generated sequence number to uniquely identify a row of data in this table.
SD_SETMEAS_CN	VC(34)	Foreign key to the setting record in Nrv_setting_measurements
SAMPLE_EXPANSION_FACTOR	N(9,4)	Nrv_sample_designs.sample_expansion_factor
SELECTION_CRITERIA_NO	VC(3)	Nrv_selection_criteria.selection_criteria_no
SELECTION_METHOD_TYPE	VC(3)	Nrv_sample_designs.selection_method_type
SUBPOP	VC(3)	Nrv_selection_criteria.subpop
SUBPOP_CODE_VALUE	VC(8)	
SUBPOP_MAX_VALUE	N(13,4)	Nrv_selection_criteria.subpop_max_value
SUBPOP_MIN_VALUE	N(13,4)	Nrv_selection_criteria.subpop_min_value

NRV_SETTING_ID_VM

Used to support the reports.

Name	Size	Description
CN ***Required***	VC(34)	A system-generated sequence number to uniquely identify a row of data in this table
DISTRICT_NO	VC(2)	Nrv_setting_measurements.district_no
FOREST_PROC	VC(2)	Nrv_setting_measurements.forest_proc
LEVEL_1_ID	VC(4)	Nrv_setting_measurements.level_1_id
LOCATION	VC(16)	Nrv_setting_measurements.location
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date
MEASUREMENT_NO	VC(4)	Nrv_setting_measurements.measurement_no
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
REGION_PROC	VC(2)	Nrv_setting_measurements.region_proc
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id
USER_OPS_ACCT	VC(30)	The OPS$ account number of the user who created the template

NRV_STAND_VM

A multi-table view of stand level data.

Name	Size	Description
STAND_CN ***Required***	VC(34)	Foreign key to the setting record in Nrv_setting_measurements
ACRES_GIS	N(10,2)	Nrv_setting_measurements.acres_gis
AGE	NUMBER	**Computed** (System date – Stand_Origin_Year)
AGENCY	VC(4)	Nrv_setting_measurements.agency
ARCHIVE_DATE	DATE	The date the stand record was archived
ARCHIVE_FLAG	VC(1)	Flag to indicate this setting measurement record does not represent the current status of the vegetation. Y = Yes, this is an archived record.
ASPECT	N(3)	Nrv_setting_measurements.aspect
BA	NUMBER	**Computed.** The stand basal area per acre. Live trees only.
BIOMASS_STOCKING	NUMBER	**Not available yet.**
BOARD_STOCKING	NUMBER	**Computed.** The plot board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
COMPARTMENT	VC(10)	Nrv_setting_measurements.compartment_no (not populated for most stand exam data)
CORDS_STOCKING	NUMBER	**Not available yet**.
COUNTY	VC(3)	Nrv_setting_measurements.county
CUBIC_STOCKING	NUMBER	**Computed**. The stand cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
DISTRICT	VC(2)	Nrv_setting_measurements.district
DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code
DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code

NRV_STAND_VM (cont.)

Name	Size	Description
DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
DOWN_PIECES_5_MINUS	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 3 to 4.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_5_10	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 5 to 9.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_10_15	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 10 to 14.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_15_20	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 15 to 19.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_20_25	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 20 to 24.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]

NRV_STAND_VM (cont.)

Name	Size	Description
DOWN_PIECES_25_30	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 25 to 29.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_30_35	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 30 to 34.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_35_40	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 35 to 39.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_40_45	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 40 to 44.99 inches in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
DOWN_PIECES_45_PLUS	NUMBER	The stand level average downed woody material piece per acre estimate from a Brown's planat transect survey for pieces from 45 inches and up in diameter. The estimate is derived from the transect data using: pieces/acres for the size class = sum [(pi * 43560 * piece count) / (2 * plot transect length * plots installed * piece length)]
ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
EV	VC(10)	Nrv_setting_measurements.ev_code
EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
FIA_EV_CALC	VC(10)	**Computed.** Forest type using the FIA algorithm
FIA_TOTAL_STOCKING	NUMBER	**Computed.** Stand tree stocking using the FIA algorithm
FOREST_ADMIN	VC(2)	Nrv_setting_measurements.forest_admin
FOREST_PROC	VC(2)	Nrv_setting_measurements.forest_proc
FSVEG_ID	VC(40)	Nrv_setting_measurements.fsveg_id
FUEL_1HR	N(5,2)	Nrv_fuel_models.fuel_1hr
FUEL_10HR	N(5,2)	Nrv_fuel_models.fuel_10hr
FUEL_100HR	N(5,2)	Nrv_fuel_models.fuel_100hr
FUEL_BED_DEPTH	N(5,2)	Nrv_fuel_models.fuel_bed_depth
FUEL_MODEL	VC(3)	Nrv_fuel_models.fuel_model
FUEL_MODEL_CODE	VC(10)	Nrv_fuel_models.fuel_model_code

NRV_STAND_VM (cont.)

Name	Size	Description
GEOGRAPHICAL_AREA	VC(5)	Nrv_setting_measurements.geographical_area
GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
HISTORY1	VC(6)	Nrv_setting_histories.history_code
HISTORY2	VC(6)	Nrv_setting_histories.history_code
HISTORY3	VC(6)	Nrv_setting_histories.history_code
HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
INCLUSION_ACRES	N(8,4)	Nrv_setting_measurements.inclusion_acres
INCLUSION_ACRES_TYPE	VC(2)	Nrv_setting_measurements.inclusion_acres_type
LATITUDE_DEG	N(3)	Nrv_setting_measurements.latitude_deg
LATITUDE_MIN	N(2)	Nrv_setting_measurements.latitude_min
LATITUDE_SEC	N(4,2)	Nrv_setting_measurements.latitude_sec
LAT_LON_DATUM	VC(50)	Nrv_setting_measurements.lat_lon_datum
LOCATION	VC(16)	Nrv_setting_measurements.location
LONGITUDE_DEG	N(3)	Nrv_setting_measurements.longitude_deg
LONGITUDE_MIN	N(2)	Nrv_setting_measurements.longitude_min
LONGITUDE_SEC	N(4,2)	Nrv_setting_measurements.longitude_sec
MANAGEMENT_PRODUCTIVITY	N(1)	Nrv_setting_measurements.management_productivity
MANAGEMENT_TYPE	N(3)	Nrv_setting_measurements.management_type
MANAGEMENT_TYPE_FLAG	VC(1)	
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date
MEASUREMENT_NO	VC(4)	Nrv_setting_measurements.measurement_no
MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Stand cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
NET_BOARD_STOCKING	NUMBER	**Not available yet.** Stand board foot volume per acre after defect has been detected. Live trees only.
NET_CUBIC_STOCKING	NUMBER	**Not available yet.** Stand cubic foot volume per acre, after defect is deducted. Live trees only.
NET_MERCH_CUBIC_STOCKING	NUMBER	**Not available yet.** Stand cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
NFS_LAND_CLASS	VC(3)	Nrv_setting_measurements.nfs_land_class
ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_origin
OWNER	VC(4)	Nrv_setting_measurements.owner
PLS_MERIDIAN	VC(2)	Nrv_setting_measurements.meridian_code
PLS_RANGE	VC(5)	Nrv_setting_measurements.pls_range
PLS_SECTION	VC(2)	Nrv_setting_measurements.pls_section
PLS_SUBDIVISION	VC(4)	Nrv_setting_measurements.pls_subdivision
PLS_TOWNSHIP	VC(5)	Nrv_setting_measurements.pls_township
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
PURPOSE_CODE	VC(4)	Code that represents the reason for the survey
PV	VC(10)	Nrv_setting_measurements.pv_code
PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
QMD	NUMBER	**Computed.** Sand quadratic mean diameter. Live trees only.
REGION_ADMIN	VC(2)	Nrv_setting_measurements.region_admin
REGION_PROC	VC(2)	Nrv_setting_measurements.region_proc

NRV_STAND_VM (cont.)

Name	Size	Description
RPA_LAND_CLASS	VC(2)	Nrv_setting_measurements.rpa_land_class
SDI	NUMBER	**Computed.** Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
SEEDLINGS	NUMBER	**Computed.** Stand number of trees per acre, only includes live trees less than 4.5 feet tall.
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id
SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
SITE_INDEX_CALC	NUMBER	**Computed.** Site index based n site tree data collected on the plot and the values computed for site_index_ref_calc and site_species_calc
SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
SITE_INDEX_REF_CALC	VC(5)	**Computed.** The referenced used to compute site_index_calc, determined by a functin of site_species_calc, Region, and Forest.
SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10; the site species with the plurality of basal area in the setting. For Regions 2, 3, and 4; computed according to RMSTAND rules. Used to compute site_index_calc.
SLOPE	N(3)	Nrv_setting_measurements.slope
SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
SPATIAL_LINK	VC(1)	Nrv_setting_measurements.spatial_link
STAND	VC(10)	Nrv_setting_measurements.level_1_id
STAND_CONDITION	N(2)	Nrv_setting_measurements.stand_conditions
STAND_SIZE	N(8,4)	Nrv_setting_measurements.setting_size
STATE	VC(2)	Nrv_setting_measurements.state
STATE_PLANE_DATUM	VC(10)	Nrv_setting_measurements.state_plane_datum
STATE_PLANE_X	N(12,3)	Nrv_setting_measurements.state_plane_x
STATE_PLANE_Y	N(12,3)	Nrv_setting_measurements.state_plane_y
STATE_PLANE_ZONE	VC(10)	Nrv_setting_measurements.state_plane_zone
STRATUM	VC(6)	Nrv_setting_measurements.stratum
STRATUM_EXPANSION_FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion_factor
STRUCTURE	VC(2)	Nrv_setting_measurements.structure
SUBCOMPARTMENT	VC(10)	Nrv_setting_measurements.subcompartment_no
SURVEY_UNIT	VC(2)	Nrv_setting_measurements.survey_unit
TPA	NUMBER	**Computed.** Stand number of trees per acre. Live trees only. Greater than or equal to 4.5 feet in height.
UTM_DATUM	VC(10)	Nrv_setting_measurements.utm_datum
UTM_EASTING	N(6)	Nrv_setting_measurements.utm_easting
UTM_NORTHING	N(7)	Nrv_setting_measurements.utm_northing
UTM_ZONE	N(2)	Nrv_setting_measurements.utm_zone
VSS	VC(6)	**Computed.** Vegetation structural stage for Regions 2, 3 and 4 only.

NRV_STAND_PLOT_COVER_VM

Contains stand level, plot level, and vegetative cover data.

Name	Size	Description
STAND_CN ***Required***	VC(34)	Foreign key to the stand record in Nrv_setting_measurements
ARCHIVE_FLAG	VC(1)	Flag to indicate this setting measurement record does not represent the current status of the vegetation. Y = Yes, this is an archived record.
COMPARTMENT	VC(10)	Nrv_setting_measurements.compartment_no (not populated for most stand exam data)
CONSEC_PT_NUM	VC(8)	Nrv_setting_measurements.consec_pt_num
COUNTY	VC(3)	Nrv_setting_measurements.county
DISTRICT	VC(2)	Nrv_setting_measurements.district
FOREST_ADMIN	VC(2)	Nrv_setting_measurements.forest_admin
FOREST_PROC	VC(2)	Nrv_setting_measurements.forest_proc
GEOGRAPHICAL_AREA	VC(5)	Nrv_setting_measurements.geographical_area
I_M_FLAG	VC(1)	Stand record only. If Y this is data that will be or is measured multiple times
LATITUDE_DEG	NUMBER	Nrv_setting_measurements.latitude_deg
LATITUDE_MIN	NUMBER	Nrv_setting_measurements.latitude_min
LATITUDE_SEC	NUMBER	Nrv_setting_measurements.latitude_sec
LAT_LON_DATUM	VC(8)	Nrv_setting_measurements.lat_lon_datum
LOCATION	N(16)	Nrv_setting_measurements.location
LONGITUDE_DEG	NUMBER	Nrv_setting_measurements.longitude_deg
LONGITUDE_MIN	NUMBER	Nrv_setting_measurements.longitude_min
LONGITUDE_SEC	NUMBER	Nrv_setting_measurements.longitude_sec
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date
MEASUREMENT_NO	VC(2)	Nrv_setting_measurements.measurement_no
NFS_LAND_CLASS	VC(3)	Nrv_setting_measurements.nfs_land_class
PLOT	VC(10)	Nrv_setting_measurements.level_2_id
PLOT_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
PLS_MERIDIAN	VC(2)	Nrv_setting_measurements.meridian_code
PLS_RANGE	VC(5)	Nrv_setting_measurements.pls_range
PLS_SECTION	VC(2)	Nrv_setting_measurements.pls_section
PLS_SUBDIVISION	VC(4)	Nrv_setting_measurements.pls_subdivision
PLS_TOWNSHIP	VC(5)	Nrv_setting_measurements.pls_township
PURPOSE_CODE	VC(4)	Code that represents the reson for the survey
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
REGION_ADMIN	VC(2)	Nrv_setting_measurements.region_admin
REGION_PROC	VC(2)	Nrv_setting_measurements.region_proc
RESERVE_CLASS	VC(2)	Nrv_setting_measurements.reserve_class
RPA_LAND_CLASS	VC(2)	Nrv_setting_measurements.rpa_land_class
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id
STAND	VC(10)	Nrv_setting_measurements.level_1_id
STATE	VC(2)	Nrv_setting_measurements.state
STATE_PLANE_DATUM	VC(10)	Nrv_setting_measurements.state_plane_datum
STATE_PLANE_X	NUMBER	Nrv_setting_measurements.state_plane_x
STATE_PLANE_Y	NUMBER	Nrv_setting_measurements.state_plane_y
STATE_PLANE_ZONE	VC(10)	Nrv_setting_measurements.state_plane_zone

NRV_STAND_PLOT_COVER_VM (cont.)

Name	Size	Description
SUBCOMPARTMENT	VC(10)	Nrv_setting_measurements.subcompartment_no
SURVEY_UNIT	VC(2)	Nrv_setting_measurements.survey_Unit
UTM_DATUM	VC(10)	Nrv_setting_measurements.utm_datum
UTM_EASTING	NUMBER	Nrv_setting_measurements.utm_easting
UTM_NORTHING	NUMBER	Nrv_setting_measurements.utm_northing
UTM_ZONE	NUMBER	Nrv_setting_measurements.utm_zone
STAND_ACRES_GIS	N(10,2)	Nrv_setting_measurements.acres_gis
STAND_AGE	NUMBER	**Computed** (System date – Stand_Origin_Year)
STAND_AGENCY	VC(4)	Nrv_setting_measurements.agency
STAND_ARCHIVE_DATE	DATE	The date the stand record was archived
STAND_ASPECT	N(3)	Nrv_setting_measurements.aspect
STAND_BA	NUMBER	**Computed.** Stand basal area per acre. Live trees only.
STAND_BIOMASS_STOCKING	NUMBER	**Not available yet.**
STAND_BOARD_STOCKING	NUMBER	**Computed.** Stand board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
STAND_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
STAND_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
STAND_CORDS_STOCKING	NUMBER	**Not available yet.**
STAND_CUBIC_STOCKING	NUMBER	**Computed.** Sand cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
STAND_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY4	VC(2)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY5	VC(2)	Nrv_setting_disturbances.category_code
STAND_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity

NRV_STAND_PLOT_COVER_VM (cont.)

Name	Size	Description
STAND_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT4	NUMBER	Nrv_Setting_disturbances.damage_percent
STAND_DISTURB_PERCENT5	NUMBER	Nrv_Setting_disturbances.damage_percent
STAND_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
STAND_EV	VC(10)	Nrv_setting_measurements.ev_code
STAND_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
STAND_FIA_EV_CALC	VC(10)	**Computed.** Forest type code using the FIA algorithm
STAND_FIA_TOTAL STOCKING	NUMBER	**Computed.** Stand sum of the tree stocking using the FIA algorithm
STAND_FSVEG_ID	VC(40)	Nrv_setting_measurements. fsveg_id
STAND_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
STAND_HISTORY1	VC(6)	Nrv_setting_histories.history_code
STAND_HISTORY2	VC(6)	Nrv_setting_histories.history_code
STAND_HISTORY3	VC(6)	Nrv_setting_histories.history_code
STAND_HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
STAND_HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
STAND_HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
STAND_MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Stand cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
STAND_NET_BOARD_STOCKING	NUMBER	**Not available yet.** Stand board foot volume per acre after defect has been detected. Live trees only.
STAND_NET_CUBIC_STOCKING	NUMBER	**Not available yet.** Stand cubic foot volume per acre, after defect is deducted. Live trees only.
STAND_NET_MERCH_CUBIC_ STOCKING	NUMBER	**Not available yet.** Stand cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
STAND_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
STAND_ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_origin
STAND_OWNER	VC(4)	Nrv_setting_measurements.owner
STAND_PV	VC(10)	Nrv_setting_measurements.pv_code
STAND_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
STAND_QMD	NUMBER	**Computed.** Stand quadratic mean diameter. Live trees only.
STAND_SDI	NUMBER	**Computed.** Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
STAND_SEEDLINGS	NUMBER	**Computed.** Stand number of trees per acre. This value only includes live trees less than 4.5 feet tall.
STAND_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
STAND_SITE_INDEX_CALC	NUMBER	**Computed.** Site index based n site tree data collected on the plot and the values computed for site_index_ref_calc and site_species_calc
STAND_SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no

NRV_STAND_PLOT_COVER_VM (cont.)

Name	Size	Description
STAND_SITE_INDEX_REF_CALC	VC(5)	**Computed.** The referenced used to compute site_index_calc, determined by a functin of site_species_calc, Region, and Forest.
STAND_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
STAND_SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10; the site species with the plurality of basal area in the setting. For Regions 2, 3, and 4; computed according to RMSTANS rules. Used to compute site_index_calc.
STAND_SIZE	N(8,4)	Nrv_setting_measurements.setting_size
STAND_SLOPE	N(3)	Nrv_setting_measurements.slope
STAND_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
STAND_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
STAND_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
STAND_SPATIAL_LINK	VC(1)	Nrv_setting_measurements. spatial_link
STAND_STRATUM	VC(6)	Nrv_setting_measurements.stratum
STAND_STRATUM_EXPANSION_ FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion_factor
STAND_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
STAND_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
STAND_TPA	NUMBER	**Computed.** Stand number of trees per acre. Live trees only.
STAND_VSS	VC(6)	**Computed.** Vegetation structural stage for Regions 2, 3 and 4 only.
PLOT_AGE	NUMBER	**Computed** (System date – Stand_Origin_Year)
PLOT_ARCHIVE_DATE	DATE	The date the plot record was archived
PLOT_ASPECT	N(3)	Nrv_setting_measurements.aspect
PLOT_BA	NUMBER	**Computed**. Plot basal area per acre. Live trees only.
PLOT_BIOMASS_STOCKING	NUMBER	**Not available yet.**
PLOT_BOARD_STOCKING	NUMBER	**Computed.** Plot average board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
PLOT_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
PLOT_CAPABLE_GROW_AREA_ PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
PLOT_CN	VC(34)	Foreign key to the plot record in Nrv_setting_measurements
PLOT_CORDS_STOCKING	NUMBER	**Not available yet.**
PLOT_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
PLOT_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code

NRV_STAND_PLOT_COVER_VM (cont.)

Name	Size	Description
PLOT_DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT4	NUMBER	Nrv_Setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT5	NUMBER	Nrv_Setting_disturbances.damage_percent
PLOT_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
PLOT_EV	VC(10)	Nrv_setting_measurements.ev_code
PLOT_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
PLOT_FSVEG_ID	VC(400	Nrv_setting_measurements.fsveg_id
PLOT_HISTORY1	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY2	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY3	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
PLOT_LATITUDE_GIS	N(11,6)	Nrv_setting_measurements.latitude_gis
PLOT_LONGITUDE_GIS	N(11,6)	Nrv_ssetting_measurements.longitude_gis
PLOT_MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
PLOT_NET_BOARD_STOCKING	NUMBER	**Not available yet.** Plot board foot volume per acre after defect has been detected. Live trees only.
PLOT_NET_CUBIC_STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre, after defect is deducted. Live trees only.
PLOT_NET_MERCH_CUBIC_ STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
PLOT_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
PLOT_ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_origin
PLOT_PV	VC(10)	Nrv_setting_measurements.pv_code

NRV_STAND_PLOT_COVER_VM (cont.)

Name	Size	Description
PLOT_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
PLOT_QMD	NUMBER	**Computed.** Plot quadratic mean diameter. Live trees only.
PLOT_SDI	NUMBER	**Computed.** Plot Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9 and 10. Shaw's method is used for Regions 3 and 4.
PLOT_SEEDLINGS	NUMBER	**Computed**. Plot number of trees per acre. This value only includes live trees less than 4.5 feet tall.
PLOT_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
PLOT_SITE_INDEX_CALC	NUMBER	**Computed.** Site index based n site tree data collected on the plot and the values computed for site_index_ref_calc and site_species_calc
PLOT_SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
PLOT_SITE_INDEX_REF_CALC	VC(5)	**Computed.** The referenced used to compute site_index_calc, determined by a functin of site_species_calc, Region, and Forest.
PLOT_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
PLOT_SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10; the site species with the plurality of basal area in the setting. For Regions 2, 3, and 4; computed according to RMSTANS rules. Used to compute site_index_calc.
PLOT_SLOPE	N(3)	Nrv_setting_measurements.slope
PLOT_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
PLOT_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
PLOT_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
PLOT_SPATIAL_LINK	VC(1)	Nrv_setting_measurements.spatial_link
PLOT_STRATUM	VC(6)	Nrv_setting_measurements.stratum
PLOT_STRATUM_EXPANSION_FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion_factor
PLOT_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
PLOT_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
PLOT_TPA	NUMBER	**Computed**. Plot number of trees per acre. Live trees only.
COVER_AGE	N(4)	Nrv_cover_measurements.age
COVER_AGE_METHOD	VC(2)	Nrv_cover_measurements.age_method
COVER_CN	VC(34)	Foreign key to the cover record in Nrv_cover_measurements
COVER_DIAMETER	N(6,3)	Nrv_cover_measurements.diameter
COVER_DRY_WT	N(8,4)	Nrv_cover_measurements.dry_wt
COVER_DRY_WT_FACTOR	N(5,4)	Nrv_cover_measurements.dry_wt_factor
COVER_FORAGE_CLASS	VC(4)	Nrv_cover_measurements.utilization_class
COVER_FORAGE_PERCENT	N(3)	Nrv_cover_measurements.utilization_percent
COVER_GREEN_WT	N(6,2)	Nrv_cover_measurements.green_wt
COVER_GROWTH_FORM	VC(2)	Nrv_cover_measurements.growth_form
COVER_HEIGHT	N(7,4)	Nrv_cover_measurements.height
COVER_HEIGHT_MAX	N(7,4)	Nrv_cover_measurements.height_max
COVER_HEIGHT_MIN	N(7,4)	Nrv_cover_measurements.height_min
COVER_INDICATOR_SPECIES_FLAG	VC(1)	Nrv_cover_measurements.indicator_species_flag
COVER_INTERCEPT	N(6,2)	Nrv_cover_measurements.intercept

NRV_STAND_PLOT_COVER_VM (cont.)

Name	Size	Description
COVER_ITEM_COUNT	N(3)	Nrv_cover_measurements.item_count
COVER_LAYER	VC(3)	Nrv_cover_measurements.layer
COVER_LAYER_CODE_LOCAL	VC(2)	Nrv_cover_measurements.layer_code_local
COVER_LIFEFORM	VC(2)	Nrv_cover_measurements.lifeform
COVER_LIVE_DEAD	VC(1)	Nrv_cover_measurements.live_dead
COVER_METHOD	VC(2)	Nrv_cover_measurements.cover_method
COVER_PERCENT	N(4,1)	Nrv_cover_measurements.cover_percent
COVER_PHENOLOGY_CLASS	VC(2)	Nrv_cover_measurements.phenology_class
COVER_PRESENCE_FLAG	VC(1)	Nrv_cover_measurements.presence_flag
COVER_SELCRIT_CN	VC(34)	Nrv_cover_measurements.selcrit_cn
COVER_SHRUB_AGE_CLASS	VC(2)	Nrv_cover_measurements.shrub_age_class
COVER_SHRUB_FORM_CLASS	VC(4)	Nrv_cover_measurements.shrub_form_class
COVER_SPA_EQUIV	N(10,5)	Nrv_cover_measurements.spa_equiv
COVER_SPECIES	VC(8)	Nrv_cover_measurements.species_symbol
COVER_SUBGROUP_CODE	VC(4)	Nrv_cover_measurements.subgroup_code
COVER_SURFACE_CODE	VC(4)	Nrv_cover_measurements.surface_cover_code
COVER_TAG_ID	VC(5)	Nrv_cover_measurements.tag_id
COVER_VOUCHER_FLAG	VC(1)	Nrv_cover_measurements.voucher_flag

NRV_STAND_PLOT_TREE_VM

Contains stand level, plot level, and tree level data.

Name	Size	Description
STAND_CN ***Required***	VC(34)	Foreign key to the stand record in Nrv_setting_measurements
ARCHIVE_FLAG	VC(1)	Flag to indicate this setting measurement record does not represent the current status of the vegetation. Y = Yes, this is an archived record.
COMPARTMENT	VC(10)	Nrv_setting_measurements.compartment_no (not populated for most stand exam data)
CONSEC_PT_NUM	VC(8)	Nrv_setting_measurements.consec_pt_num
COUNTY	VC(3)	Nrv_setting_measurements.county
DISTRICT	VC(2)	Nrv_setting_measurements.district
FOREST_ADMIN	VC(2)	Nrv_setting_measurements.forest_admin
FOREST_PROC	VC(2)	Nrv_setting_measurements.forest_proc
GEOGRAPHICAL_AREA	VC(5)	Nrv_setting_measurements.geographical_area
I_M_FLAG	VC(1)	Stand record only. If Y this is data that will be or is measured multiple times
LATITUDE_DEG	NUMBER	Nrv_setting_measurements.latitude_deg
LATITUDE_MIN	NUMBER	Nrv_setting_measurements.latitude_min
LATITUDE_SEC	NUMBER	Nrv_setting_measurements.latitude_sec
LAT_LON_DATUM	VC(8)	Nrv_setting_measurements.lat_lon_datum
LOCATION	VC(16)	Nrv_setting_measurements.location
LONGITUDE_DEG	NUMBER	Nrv_setting_measurements.longitude_deg
LONGITUDE_MIN	NUMBER	Nrv_setting_measurements.longitude_min
LONGITUDE_SEC	NUMBER	Nrv_setting_measurements.longitude_sec

NRV_STAND_PLOT_TREE_VM (cont.)

Name	Size	Description
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date
MEASUREMENT_NO	VC(2)	Nrv_setting_measurements.measurement_no
NFS_LAND_CLASS	VC(3)	Nrv_setting_measurements.nfs_land_class
PLS_MERIDIAN	VC(2)	Nrv_setting_measurements.meridian_code
PLS_RANGE	VC(5)	Nrv_setting_measurements.pls_range
PLS_SECTION	VC(2)	Nrv_setting_measurements.pls_section
PLS_SUBDIVISION	VC(4)	Nrv_setting_measurements.pls_subdivision
PLS_TOWNSHIP	VC(5)	Nrv_setting_measurements.pls_township
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
PURPOSE_CODE	VC(4)	Code that represents the reason for the survey
REGION_ADMIN	VC(2)	Nrv_setting_measurements.region_admin
REGION_PROC	VC(2)	Nrv_setting_measurements.region_proc
RESERVE_CLASS	VC(2)	Nrv_setting_measurements.reserve_class
RPA_LAND_CLASS	VC(2)	Nrv_setting_measurements.rpa_land_class
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id
STAND	VC(10)	Nrv_setting_measurements.level_1_id
STATE	VC(2)	Nrv_setting_measurements.state
STATE_PLANE_DATUM	VC(10)	Nrv_setting_measurements.state_plane_datum
STATE_PLANE_X	NUMBER	Nrv_setting_measurements.state_plane_x
STATE_PLANE_Y	NUMBER	Nrv_setting_measurements.state_plane_y
STATE_PLANE_ZONE	VC(10)	Nrv_setting_measurements.state_plane_zone
SUBCOMPARTMENT	VC(10)	Nrv_setting_measurements.subcompartment_no
SURVEY_UNIT	VC(2)	Nrv_setting_measurements.survey_unit
UTM_DATUM	VC(10)	Nrv_setting_measurements.utm_datum
UTM_EASTING	NUMBER	Nrv_setting_measurements.utm_easting
UTM_NORTHING	NUMBER	Nrv_setting_measurements.utm_northing
UTM_ZONE	NUMBER	Nrv_setting_measurements.utm_zone
STAND_CARES_GIS	N(10,2)	Nrv_setting_measurements.acres_gis
STAND_AGE	NUMBER	**Computed** (System date – Stand_Origin_Year)
STAND_AGENCY	VC(4)	Nrv_setting_measurements.agency
STAND_ARCHIVE_DATE	DATE	The date the stand record was archived
STAND_ASPECT	N(3)	Nrv_setting_measurements.aspect
STAND_BA	NUMBER	**Computed.** Stand basal area per acre. Live trees only.
STAND_BIOMASS_STOCKING	NUMBER	**Not available yet.**
STAND_BOARD_STOCKING	NUMBER	**Computed.** Stand board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
STAND_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
STAND_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
STAND_CORDS_STOCKING	NUMBER	**Not available yet.**
STAND_CUBIC_STOCKING	NUMBER	**Computed.** Stand cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
STAND_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code

NRV_STAND_PLOT_TREE_VM (cont.)

Name	Size	Description
STAND_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
STAND_EV	VC(10)	Nrv_setting_measurements.ev_code
STAND_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
STAND_FIA_EV_CALC	VC(10)	**Computed**. Forest type using the FIA algorithm
STAND_FIA_TOTAL STOCKING	NUMBER	**Computed**. Stand tree stocking using the FIA algorithm
STAND_FSVEG_ID	VC(40)	Nrv_setting_measurements.fsveg_id
STAND_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
STAND_HISTORY1	VC(6)	Nrv_setting_histories.history_code
STAND_HISTORY2	VC(6)	Nrv_setting_histories.history_code
STAND_HISTORY3	VC(6)	Nrv_setting_histories.history_code
STAND_HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
STAND_HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
STAND_HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
STAND_MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Stand cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
STAND_NET_BOARD_STOCKING	NUMBER	**Not available yet.** Stand board foot volume per acre after defect has been detected. Live trees only.
STAND_NET_CUBIC_STOCKING	NUMBER	**Not available yet**. Stand cubic foot volume per acre, after defect is deducted. Live trees only.

NRV_STAND_PLOT_TREE_VM (cont.)

Name	Size	Description
STAND_NET_MERCH_CUBIC_ STOCKING	NUMBER	**Not available yet.** Stand cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
STAND_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
STAND_ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_origin
STAND_OWNER	VC(4)	Nrv_setting_measurements.owner
STAND_PV	VC(10)	Nrv_setting_measurements.pv_code
STAND_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
STAND_QMD	NUMBER	**Computed.** Stand quadratic mean diameter. Live trees only.
STAND_SDI	NUMBER	**Computed.** Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
STAND_SEEDLINGS	NUMBER	**Computed.** Stand number of trees per acre. This value only includes live trees less than 4.5 feet tall.
STAND_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
STAND_SITE_INDEX_CALC	NUMBER	**Computed.** Site index based n site tree data collected on the plot and the values computed for site_index_ref_calc and site_species_calc
STAND_SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
STAND_SITE_INDEX_REF_CALC	VC(5)	**Computed.** The referenced used to compute site_index_calc, determined by a functin of site_species_calc, Region, and Forest.
STAND_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
STAND_SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10; the site species with the plurality of basal area in the setting. For Regions 2, 3, and 4; computed according to RMSTAND rules. Used to compute site_index_calc.
STAND_SIZE	N(8,4)	Nrv_setting_measurements.setting_size
STAND_SLOPE	N(3)	Nrv_setting_measurements.slope
STAND_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
STAND_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
STAND_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
STAND_SPATIAL_LINK	VC(1)	Nrv_setting_measurements.spatial_link
STAND_STRATUM	VC(6)	Nrv_setting_measurements.stratum
STAND_STRATUM_EXPANSION_ FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion_factor
STAND_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
STAND_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
STAND_TPA	NUMBER	**Computed.** Stand number of trees per acre. Live trees only.
STAND_VSS	VC(6)	**Computed**. Vegetation structural stage for Regions 2, 3 and 4 only.
PLOT	VC(10)	Nrv_setting_measurements.level_2_Id
PLOT_AGE	NUMBER	**Computed** (System date – Stand_Origin_Year)
PLOT_ARCHIVE_DATE	DATE	The date the plot record was archived
PLOT_ASPECT	N(3)	Nrv_setting_measurements.aspect
PLOT_BA	NUMBER	**Computed**. Plot basal area per acre. Live trees only.
PLOT_BIOMASS_STOCKING	NUMBER	**Not available yet**.

NRV_STAND_PLOT_TREE_VM (cont.)

Name	Size	Description
PLOT_BOARD_STOCKING	NUMBER	**Computed.** Plot board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
PLOT_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
PLOT_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
PLOT_CN	VC(34)	Foreign key to the plot record in Nrv_setting_measurements
PLOT_CORDS_STOCKING	NUMBER	**Not available yet.**
PLOT_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
PLOT_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
PLOT_EV	VC(10)	Nrv_setting_measurements.ev_code
PLOT_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
PLOT_FSVEG_ID	VC(40)	Nrv_setting_measurements.fsved_id

NRV_STAND_PLOT_TREE_VM (cont.)

Name	Size	Description
PLOT_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
PLOT_HISTORY1	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY2	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY3	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
PLOT_LATITUDE_GIS	N(11,6)	Nrv_setting_measurements. latitude_gis
PLOT_LONGITUDE_GIS	N(11,6)	Nrv_setting_measurements.longitude_gis
PLOT_MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
PLOT_NET_BOARD_STOCKING	NUMBER	**Not available yet.** Plot board foot volume per acre after defect has been detected. Live trees only.
PLOT_NET_CUBIC_STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre, after defect is deducted. Live trees only.
PLOT_NET_MERCH_CUBIC_ STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
PLOT_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
PLOT_ORIGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_origin
PLOT_PV	VC(10)	Nrv_setting_measurements.pv_code
PLOT_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
PLOT_QMD	NUMBER	**Computed.** Plot quadratic mean diameter. Live trees only.
PLOT_SDI	NUMBER	**Computed.** Plot Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
PLOT_SEEDLINGS	NUMBER	**Computed**. Plot number of trees per acre. This value only includes live trees less than 4.5 feet tall.
PLOT_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
PLOT_SITE_INDEX_CALC	NUMBER	**Computed.** Site index based n site tree data collected on the plot and the values computed for site_index_ref_calc and site_species_calc
PLOT_SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
PLOT_SITE_INDEX_REF_CALC	VC(5)	**Computed.** The referenced used to compute site_index_calc, determined by a function of site_species_calc, Region, and Forest
PLOT_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
PLOT_SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10; the site species with the plurality of basal area in the setting. For Regions 2, 3, and 4; computed according to RMSTAND rules. Used to compute site_index_calc.
PLOT_SLOPE	N(3)	Nrv_setting_measurements.slope
PLOT_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
PLOT_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
PLOT_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
PLOT_SPATIAL_LINK	VC(1)	Nrv_setting_measurements.spatial_link
PLOT_STRATUM	VC(6)	Nrv_setting_measurements.stratum

NRV_STAND_PLOT_TREE_VM (cont.)

Name	Size	Description
PLOT_STRATUM_EXPANSION_FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion_factor
PLOT_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
PLOT_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
PLOT_TPA	NUMBER	**Computed**. Plot number of trees per acre. Live trees only.
AGE	N(4)	Nrv_tree_measurements.age
ANNUAL_HT_GROWTH	NUMBER	Nrv_tree_measurements.height_growth
ANNUAL_RADIAL_GROWTH	NUMBER	Nrv_tree_measurements.radial_growth
AZIMUTH	N(3)	Nrv_tree_measurements.azimuth
BA	NUMBER	**Computed**. Tree basal area, in square feet. BA = $0.005454*diameter^2$
BARE_TOP_PERCENT	N(3)	Nrv_tree_measurements.bare_top_percent
BIOMASS	NUMBER	**Not available yet.**
BOARD_VOLUME	NUMBER	**Computed.** Tree board foot volume (for R9, the sawtimber board foot volume).
CONE_SEROTINY	VC(2)	Nrv_tree_measurements.cone_serotiny
CORDS	NUMBER	**Not available yet.**
CR	N(3)	Nrv_tree_measurements.crown_ratio
CROWN_BASE_HEIGHT	N(6,3)	Nrv_tree_measurements.crown_base_height
CROWN_CLASS	VC(2)	Nrv_tree_measurements.crown_class
CROWN_LENGTH	N(6,3)	Nrv_tree_measurements.crown_length
CROWN_WIDTH	N(5,2)	Nrv_tree_measurements.crown_width
CUBIC_VOLUME	NUMBER	**Computed.** Cubic foot volume of the whole tree (for R9, the pulp cubic foot volume).
DBH	NUMBER	Nrv_tree_measurements.diameter (at DBH)
DEADWOOD_PERCENT	N(3)	Nrv_tree_measurements.deadwood_percent
DIAMETER	N(6,3)	The tree diameter measured at either DBH or DRC, whichever is not NULL.
DISTANCE	N(6,3)	Nrv_tree_measurements.distance
DISTURB_AGENT1	VC(3)	Nrv_tree_disturbances.agent_code
DISTURB_AGENT2	VC(3)	Nrv_tree_disturbances.agent_code
DISTURB_AGENT3	VC(3)	Nrv_tree_disturbances.agent_code
DISTURB_AGENT4	VC(3)	Nrv_tree_disturbances.agent_code
DISTURB_AGENT5	VC(3)	Nrv_tree_disturbances.agent_code
DISTURB_AGENT_SEV1	VC(3)	Nrv_tree_disturbances.severity_rating_code
DISTURB_AGENT_SEV2	VC(3)	Nrv_tree_disturbances.severity_rating_code
DISTURB_AGENT_SEV3	VC(3)	Nrv_tree_disturbances.severity_rating_code
DISTURB_AGENT_SEV4	VC(3)	Nrv_tree_disturbances.severity_rating_code
DISTURB_AGENT_SEV5	VC(3)	Nrv_tree_disturbances.severity_rating_code
DISTURB_CATEGORY1	VC(2)	Nrv_tree_disturbances.category_code
DISTURB_CATEGORY2	VC(2)	Nrv_tree_disturbances.category_code
DISTURB_CATEGORY3	VC(2)	Nrv_tree_disturbances.category_code
DISTURB_CATEGORY4	VC(2)	Nrv_tree_disturbances.category_code
DISTURB_CATEGORY5	VC(2)	Nrv_tree_disturbances.category_code
DISTURB_DATE1	DATE	Nrv_tree_disturbances.disturbance_date
DISTURB_DATE2	DATE	Nrv_tree_disturbances.disturbance_date
DISTURB_DATE3	DATE	Nrv_tree_disturbances.disturbance_date
DISTURB_DATE4	DATE	Nrv_tree_disturbances.disturbance_date

NRV_STAND_PLOT_TREE_VM (cont.)

Name	Size	Description
DISTURB_DATE5	DATE	Nrv_tree_disturbances.disturbance_date
DISTURB_EFFECT1	VC(3)	Nrv_tree_disturbances.effect_code
DISTURB_EFFECT2	VC(3)	Nrv_tree_disturbances.effect_code
DISTURB_EFFECT3	VC(3)	Nrv_tree_disturbances.effect_code
DISTURB_EFFECT4	VC(3)	Nrv_tree_disturbances.effect_code
DISTURB_EFFECT5	VC(3)	Nrv_tree_disturbances.effect_code
DISTURB_EFFECT_SEV1	VC(3)	Nrv_tree_disturbances.effect_severity
DISTURB_EFFECT_SEV2	VC(3)	Nrv_tree_disturbances.effect_severity
DISTURB_EFFECT_SEV3	VC(3)	Nrv_tree_disturbances.effect_severity
DISTURB_EFFECT_SEV4	VC(3)	Nrv_tree_disturbances.effect_severity
DISTURB_EFFECT_SEV5	VC(3)	Nrv_tree_disturbances.effect_severity
DISTURB_TREE_PART1	VC(2)	Nrv_tree_disturbances.tree_part_code
DISTURB_TREE_PART2	VC(2)	Nrv_tree_disturbances.tree_part_code
DISTURB_TREE_PART3	VC(2)	Nrv_tree_disturbances.tree_part_code
DISTURB_TREE_PART4	VC(2)	Nrv_tree_disturbances.tree_part_code
DISTURB_TREE_PART5	VC(2)	Nrv_tree_disturbances.tree_part_code
DOWN_FLAG	VC(1)	Nrv_tree_measurements.down_flag
DRC	NUMBER	Nrv_tree_measurements.diameter (DRC)
DRC_STEMS	N(3)	Nrv_tree_measurements.no_of_stems
GROWTH_FORM	VC(2)	Nrv_tree_measurements.growth_form
HEIGHT	NUMBER	Nrv_tree_measurements.height
HEIGHT_METHOD	VC(7)	Nrv_tree_measurements.height_method **OR** set to 'C' if the height is calculated.
HEIGHT_TO_BREAK	N(7,4)	Nrv_tree_measurements.height_to_break
HEIGHT_TOPKILL	N(7,4)	Nrv_tree_measurements.height_topkill
INDUSTRIAL_FLAG	VC(1)	Nrv_tree_measurements.industrial_flag
LEAN_ANGLE	N(2)	Nrv_tree_measurements.lean_angle
LIFE_FORM	VC(2)	Nrv_tree_measurements.life_form
LIVE_DEAD	VC(1)	Nrv_tree_measurements.live_dead
LOG_DECAY_CLASS	VC(2)	Nrv_tree_measurements.log_decay_class
MERCH_CUBIC_VOLUME	NUMBER	**Computed.** Cubic foot volume of the merchantable portion of the tree (for R9, the sawtimber cubic foot volume).
NET_BOARD_VOLUME	NUMBER	**Not available yet.** Board foot volume of the tree after defect is deducted.
NET_CUBIC_VOLUME	NUMBER	**Not available yet.** Cubic foot volume of the whole tree after defect is deducted.
NET_MERCH_CUBIC_VOLUME	NUMBER	**Not available yet.** Cubic volume of the merchantable portion of the tree after defect is deducted.
OFF_PLOT_FLAG	VC(1)	Nrv_Tree_measurements.off_plot_flag
PLOT_BA_EQ	N(8,4)	**Computed.** The square feet of basal area per acre represented by this tree record for the lowest-level sample element (i.e. plot, subplot, etc.) on which it was measured. This value represents the expansion factor for the record. If this record represents multiple trees, this value is their total square feet of basal area per acre. *basal_area_equivalent = 0.005454*diameter^2*tpa_equiv*
PLOT_TPA_EQ	N(10,5)	**Computed.** The number of trees per acre, at the plot level, that this tree represents.

NRV_STAND_PLOT_TREE_VM (cont.)

Name	Size	Description
RECENT_MORTALITY_FLAG	VC(1)	Nrv_tree_measurements.recent_mortality_flag
REMOVAL_CODE	VC(3)	Nrv_tree_measurements.removal_code
REMOVAL_DATE	DATE	Nrv_tree_measurements.removal_date
SITE_INDEX	NUMBER	Nrv_site_indexes.site_index
SITE_INDEX_REF	VC(5)	Nrv_site_indexes.reference_no
SITE_TREE_FLAG	VC(1)	Nrv_tree_measurements.site_tree_flag
SNAG_DECAY_CLASS	VC(2)	Nrv_tree_measurements.snag_decay_class
SPECIES	VC(8)	Nrv_tree_measurements.species_symbol
HARDWOOD_SOFTWOOD	VC(4)	**Computed.** Valid values are "HARD" or "SOFT"
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.
SUBGROUP	VC(4)	Nrv_tree_measurements.subgroup_code
TAG_ID	VC(5)	Nrv_tree_measurements.tag_id
TOPKILL_PERCENT	N(3)	Nrv_tree_measurements.topkill_percent
TREATMENT_OPTION_1	VC(2)	Nrv_tree_measurements.first_treatment_option
TREATMENT_OPTION_2	VC(2)	Nrv_tree_measurements.second_treatment_option
TREE_CLASS	VC(2)	Nrv_tree_measurements.tree_class
TREE_CN	VC(34)	Foreign key to Nrv_tree_measurements
TREE_COUNT	N(4)	Nrv_tree_measurements.tree_count
TREE_FIA_STOCKING	NUMBER	**Computed**. Tree stocking using the FIA algorithm
TREE_STATUS	VC(1)	Nrv_tree_measurements.tree_status
UNIQUE_NO	N(5)	Nrv_tree_measurements.unique_no
WILDLIFE_USE	VC(2)	Nrv_tree_measurements.tree_usage
X_COORDINATE	N(7,2)	Nrv_tree_measurements.x_coordinate
Y_COORDINATE	N(7,2)	Nrv_tree_measurements.y_coordinate
YEAR_OF_DEATH	N(4)	Nrv_tree_measurements.year_of_death
YEAR_OF_ORIGIN	N(4)	Nrv_tree_measurements.year_of_origin

NRV_STAND_PLOT_TREE_CV_WD_VM

Contains stand level, plot level, tree level, cover, and down woody data

Name	Size	Description
ARCHIVE_FLAG	VC(1)	Flag to indicate this setting measurement record does not represent the current status of the vegetation. Y = Yes, this is an archived record.
BROWNS_1HR	NUMBER	The number of 1-hour size class intersections tallied on the Brown's transect for this plot
BROWNS_10HR	NUMBER	The number of 10-hour size class intersections tallied on the Brown's transect for this plot
BROWNS_100HR	NUMBER	The number of 100-hour size class intersections tallied on the Brown's transect for this plot

NRV_STAND_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
BROWNS_1000HR	NUMBER	The number of 1000-hour size class intersections tallied on the Brown's transect for this downed woody piece (typically 1 since they are usually recorded individually)
BROWNS_1HR_CUBIC	NUMBER	**Computed.** Stand level 1-hour fuel cubic foot per acre.
BROWNS_10HR_CUBIC	NUMBER	**Computed**. Stand level 10-hour fuel cubic foot per acre.
BROWNS_100HR_CUBIC	NUMBER	**Computed.** Stand level 100-hour fuel cubic foot per acre.
BROWNS_1HR_TONS	NUMBER	**Computed.** Stand level 1-hour fuel tons per acre.
BROWNS_10HR_TONS	NUMBER	**Computed.** Stand level 10-hour fuel tons per acre.
BROWNS_100HR_TONS	NUMBER	**Computed.** Stand level 100-hour fuel tons per acre.
BROWNS_1000HR_ROTTEN_ CUBIC	NUMBER	**Computed.** Stand level 1000-hour rotten fuel cubic foot per acre.
BROWNS_1000HR_ROTTEN_ DIA_AVG	NUMBER	**Computed**. Stand level 1000-hour rotten average diameter.
BROWNS_1000HR_ROTTEN_ TONS	NUMBER	**Computed**. Stand level 1000-hour rotten fuel tons per acre.
BROWNS_1000HR_SOUND_ CUBIC	NUMBER	**Computed**. Stand level 1000-hour sound fuel cubic foot per acre.
BROWNS_1000HR_SOUND_DIA_ AVG	NUMBER	**Computed.** Stand level 1000-hour sound average diameter.
BROWNS_1000HR_SOUND_TONS	NUMBER	**Computed.** Stand level 1000-hour sound fuel tons per acre.
BROWNS_DUFF_DEPTH_AVG	NUMBER	**Computed**. Stand level average duff depth.
BROWNS_DUFF_TONS_AVG	NUMBER	**Computed.** The stand level average duff tons per acre estimate from a Brown's 1- or 2- sample point survey for duff. The estimate is derived using: duff tons/acre = (average duff depth * 10 tons/inch)
BROWNS_FUEL_DEPTH_AVG	NUMBER	**Computed.** Stand level average fuel depth.
COMPARTMENT	VC(10)	Nrv_setting_measurements.compartment_no (not populated for most stand exam data)
CONSEC_PT_NUM	VC(8)	Nrv_setting_measurements.consec_pt_num
COUNTY	VC(3)	Nrv_setting_measurements.county
DISTRICT	VC(2)	Nrv_setting_measurements.district
FOREST_ADMIN	VC(2)	Nrv_setting_measurements.forest_admin
FOREST_PROC	VC(2)	Nrv_setting_measurements.forest_proc
GEOGRAPHICAL_AREA	VC(5)	Nrv_setting_measurements.geographical_area
I_M_FLAG	VC(1)	Stand record only. If Y this is data that will be or is measured multiple times.
LATITUDE_DEG	NUMBER	Nrv_setting_measurements.latitude_deg
LATITUDE_MIN	NUMBER	Nrv_setting_measurements.latitude_min
LATITUDE_SEC	NUMBER	Nrv_setting_measurements.latitude_sec
LAT_LON_DATUM	VC(8)	Nrv_setting_measurements.lat_lon_datum
LITTER_1	NUMBER	First layer of litter
LITTER_2	NUMBER	Second layer of litter
LOCATION	VC(16)	Nrv_setting_measurements.location
LONGITUDE_DEG	NUMBER	Nrv_setting_measurements.longitude_deg
LONGITUDE_MIN	NUMBER	Nrv_setting_measurements.longitude_min
LONGITUDE_SEC	NUMBER	Nrv_setting_measurements.longitude_sec
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date

NRV_STAND_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
MEASUREMENT_NO	VC(2)	Nrv_setting_measurements.measurement_no
NFS_LAND_CLASS	VC(3)	Nrv_setting_measurements.nfs_land_class
PLOT	VC(10)	Nrv_setting_measurements.level_2_id
PLS_MERIDIAN	VC(2)	Nrv_setting_measurements.meridian_code
PLS_RANGE	VC(5)	Nrv_setting_measurements.pls_range
PLS_SECTION	VC(2)	Nrv_setting_measurements.pls_section
PLS_SUBDIVISION	VC(4)	Nrv_setting_measurements.pls_subdivision
PLS_TOWNSHIP	VC(5)	Nrv_setting_measurements.pls_township
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
PURPOSE_CODE	VC(4)	Code that represents the reason for the survey
RECORD_CN	VC(34)	Foreign key to the tree record in Nrv_tree_measurements
REGION_ADMIN	VC(2)	Nrv_setting_measurements.region_admin
REGION_PROC	VC(2)	Nrv_setting_measurements.region_proc
RESERVE_CLASS	VC(2)	Nrv_setting_measurements.reserve_class
RPA_LAND_CLASS	VC(2)	Nrv_setting_measurements.rpa_land_class
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id
STAND	VC(10)	Nrv_setting_measurements.level_1_id
STATE	VC(2)	Nrv_setting_measurements.state
STATE_PLANE_DATUM	VC(10)	Nrv_setting_measurements.state_plane_datum
STATE_PLANE_X	NUMBER	Nrv_setting_measurements.state_plane_x
STATE_PLANE_Y	NUMBER	Nrv_setting_measurements.state_plane_y
STATE_PLANE_ZONE	VC(10)	Nrv_setting_measurements.state_plane_zone
SUBCOMPARTMENT	VC(10)	Nrv_setting_measurements.subcompartment_no
SURVEY_UNIT	VC(2)	Nrv_setting_measurements.survey_unit
UTM_DATUM	VC(10)	Nrv_setting_measurements.utm_datum
UTM_EASTING	NUMBER	Nrv_setting_measurements.utm_easting
UTM_NORTHING	NUMBER	Nrv_setting_measurements.utm_northing
UTM_ZONE	NUMBER	Nrv_setting_measurements.utm_zone
STAND_ACRES_GIS	N(10,2)	Nrv_setting_measurements.acres_gis
STAND_AGE	NUMBER	**Computed** (System date – Stand_Origin_Year)
STAND_AGENCY	VC(4)	Nrv_setting_measurements.agency
STAND_ARCHIVE_DATE	DATE	The date the stand record was archived
STAND_ASPECT	N(3)	Nrv_setting_measurements.aspect
STAND_BA	NUMBER	**Computed.** Stand basal area per acre. Live trees only.
STAND_BIOMASS_STOCKING	NUMBER	**Not available yet.**
STAND_BOARD_STOCKING	NUMBER	**Computed.** Stand board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
STAND_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
STAND_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
STAND_CN	VC(34)	Foreign key to thestand record in Nrv_setting_measurements
STAND_CORDS_STOCKING	NUMBER	**Not available yet.**
STAND_CUBIC_STOCKING	NUMBER	**Computed.** Stand cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
STAND_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code

NRV_STAND_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
STAND_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
STAND_EV	VC(10)	Nrv_setting_measurements.ev_code
STAND_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
STAND_FIA_EV_CALC	VC(10)	**Computed**. Forest type using the FIA algorithm
STAND_FIA_TOTAL STOCKING	NUMBER	**Computed**. Stand tree stocking using the FIA algorithm
STAND_FSVEG_ID	VC(40)	Nrv_setting_measurements.fsveg_id
STAND_FUEL_1HR	N(5,2)	Nrv_fuel_models.fuel_1hr
STAND_FUEL_10HR	N(5,2)	Nrv_fuel_models.fuel_10hr
STAND_FUEL_100HR	N(5,2)	Nrv_fuel_models.fuel_100hr
STAND_FUEL_BED_DEPTH	N(5,2)	Nrv_fuel_models.fuel_bed_depth
STAND_FUEL_MODEL	VC(3)	Nrv_fuel_models.fuel_model
STAND_FUEL_MODEL_CODE	VC(10)	Nrv_fuel_models.fuel_model_code
STAND_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
STAND_HISTORY1	VC(6)	Nrv_setting_histories.history_code
STAND_HISTORY2	VC(6)	Nrv_setting_histories.history_code
STAND_HISTORY3	VC(6)	Nrv_setting_histories.history_code

NRV_STAND_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
STAND_HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
STAND_HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
STAND_HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
STAND_MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Stand cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
STAND_NET_BOARD_STOCKING	NUMBER	**Not available yet.** Stand board foot volume per acre after defect has been detected. Live trees only.
STAND_NET_CUBIC_STOCKING	NUMBER	**Not available yet.** Stand cubic foot volume per acre, after defect is deducted. Live trees only.
STAND_NET_MERCH_CUBIC_ STOCKING	NUMBER	**Not available yet.** Sand cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
STAND_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
STAND_ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_origin
STAND_OWNER	VC(4)	Nrv_setting_measurements.owner
STAND_PV	VC(10)	Nrv_setting_measurements.pv_code
STAND_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
STAND_QMD	NUMBER	**Computed.** Stand quadratic mean diameter. Live trees only.
STAND_SDI	NUMBER	**Computed.** Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
STAND_SEEDLINGS	NUMBER	**Computed.** Stand number of trees per acre. This value only includes live trees less than 4.5 feet tall.
STAND_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
STAND_SITE_INDEX_CALC	NUMBER	**Computed.** Site index based n site tree data collected on the plot and the values computed for site_index_ref_calc and site_species_calc
STAND_SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
STAND_SITE_INDEX_REF_CALC	VC(5)	**Computed.** The referenced used to compute site_index_calc, determined by a functin of site_species_calc, Region, and Forest
STAND_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
STAND_SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10; the site species with the plurality of basal area in the setting. For Regions 2, 3, and 4; computed according to RMSTANS rules. Used to compute site_index_calc.
STAND_SIZE	N(8,4)	Nrv_setting_measurements.setting_size
STAND_SLOPE	N(3)	Nrv_setting_measurements.slope
STAND_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
STAND_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
STAND_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
STAND_SPATIAL_LINK	VC(1)	Nrv_setting_measurements.spatial_link
STAND_STRATUM	VC(6)	Nrv_setting_measurements.stratum
STAND_STRATUM_EXPANSION_ FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion_factor
STAND_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
STAND_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code

NRV_STAND_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
STAND_TPA	NUMBER	**Computed.** Stand number of trees per acre. Live trees only.
STAND_VSS	VC(6)	**Computed.** Vegetation structural stage for Regions 2, 3 and 4 only
PLOT_AGE	NUMBER	**Computed** (System date – Stand_Origin_Year)
PLOT_ARCHIVE_DATE	DATE	The date the plot record was archived
PLOT_ASPECT	N(3)	Nrv_setting_measurements.aspect
PLOT_BA	NUMBER	**Computed**. Plot basal area per acre. Live trees only.
PLOT_BIOMASS_STOCKING	NUMBER	**Not available yet.**
PLOT_BOARD_STOCKING	NUMBER	**Computed.** Plot board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
PLOT_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
PLOT_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
PLOT_CN	VC(34)	Foreign key to the plot record in Nrv_setting_measurements
PLOT_CORDS_STOCKING	NUMBER	**Not available yet.**
PLOT_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
PLOT_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity

NRV_STAND_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
PLOT_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
PLOT_EV	VC(10)	Nrv_setting_measurements.ev_code
PLOT_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
PLOT_FSVEG_ID	VC(40)	Nrv_setting_measurments.fsveg_id
PLOT_FUEL_1HR	N(5,2)	Nrv_fuel_models.fuel_1hr
PLOT_FUEL_10HR	N(5,2)	Nrv_fuel_models.fuel_10hr
PLOT_FUEL_100HR	N(5,2)	Nrv_fuel_models.fuel_100hr
PLOT_FUEL_BED_DEPTH	N(5,2)	Nrv_fuel_models.fuel_bed_depth
PLOT_FUEL_MODEL	VC(3)	Nrv_fuel_models.fuel_model
PLOT_FUEL_MODEL_CODE	VC(10)	Nrv_fuel_models.fuel_model_code
PLOT_FUEL_PHOTO_CN	VC(34)	Nrv_fuel_photos.fuel_photo.cn
PLOT_FUEL_PHOTO_REFERENCE	VC(10)	Nrv_fuel_photos.fuel_photo_reference
PLOT_FVS_DUFF	N(5,1)	Nrv_fuel_photos.fvs_duff
PLOT_FVS_FUEL01	N(5,1)	Nrv_fuel_photos.fvs_fuel01
PLOT_FVS_FUEL13	N(5,1)	Nrv_fuel_photos.fvs_fuel13
PLOT_FVS_FUEL36	N(5,1)	Nrv_fuel_photos.fvs_fuel36
PLOT_FVS_FUEL612	N(5,1)	Nrv_fuel_photos.fvs_fuel612
PLOT_FVS_FUEL12P	N(5,1)	Nrv_fuel_photos.fvs_fuel12p
PLOT_FVS_LITTER	N(5,1)	Nrv_fuel_photos.fvs_litter
PLOT_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
PLOT_HISTORY1	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY2	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY3	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
PLOT_MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
PLOT_NET_BOARD_STOCKING	NUMBER	**Not available yet.** Plot board foot volume per acre after defect has been detected. Live trees only.
PLOT_NET_CUBIC_STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre, after defect is deducted. Live trees only.
PLOT_LATITUDE_GIS	N(11,6)	Nrv_setting_measurements.latitude_gis
PLOT_LONGITUDE_GIS	N(11,6)	Nrv_setting_measurements_longitude_gis
PLOT_NET_MERCH_CUBIC_ STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
PLOT_ORIGIN	VC(2)	Nrv_setting_measurements.setting_Origin
PLOT_ORIGIN_YEAR	N(4)	Nrv_setting_measurements.stand_Year_of_Origin
PLOT_PV	VC(10)	Nrv_setting_measurements.pv_code
PLOT_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
PLOT_QMD	NUMBER	**Computed.** Plot quadratic mean diameter. Live trees only.

NRV_STAND_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
PLOT_RESIDUE_DESC_CODE	VC(20)	Nrv_fuel_photos.residue_desc_code
PLOT_SDI	NUMBER	**Computed.** Plot Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9 and 10. Shaw's method is used for Regions 3 and 4.
PLOT_SEEDLINGS	NUMBER	**Computed**. Plot number of trees per acre. This value only includes live trees less than 4.5 feet tall.
PLOT_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
PLOT_SITE_INDEX_CALC	NUMBER	**Computed.** Site index based n site tree data collected on the plot and the values computed for site_index_ref_calc and site_species_calc
PLOT__SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
PLOT_SITE_INDEX_REF_CALC	VC(5)	**Computed.** The referenced used to compute site_index_calc, determined by a functin of site_species_calc, Region, and Forest.
PLOT_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
PLOT_SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10; the site species with the plurality of basal area in the setting. For Regions 2, 3, and 4; computed according to RMSTANS rules. Used to compute site_index_calc.
PLOT_SLOPE	N(3)	Nrv_setting_measurements.slope
PLOT_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
PLOT_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
PLOT_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
PLOT_SPATIAL_LINK	VC(1)	Nrv_setting_measurements.spatial_link
PLOT_STRATUM	VC(6)	Nrv_setting_measurements.stratum
PLOT_STRATUM_EXPANSION_ FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion_factor
PLOT_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
PLOT_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
PLOT_TPA	NUMBER	**Computed**. Plot number of trees per acre. Live trees only.
TREE_AGE	NUMBER	Nrv_tree_measurements.age
TREE_ANNUAL_HT_GROWTH	NUMBER	Nrv_tree_measurements.height_growth
TREE_ANNUAL_RADIAL_ GROWTH	NUMBER	Nrv_tree_measurements.radial_growth
TREE_AZIMUTH	NUMBER	Nrv_tree_measurements.azimuth
TREE_BA	NUMBER	The basal area of the tree, in square feet. BA = $0.005454*diameter^2$
TREE_BARE_TOP_PERCENT	NUMBER	Nrv_Tree_measurements.bare_top_percent
TREE_BIOMASS	NUMBER	**Not available yet.**
TREE_BOARD_VOLUME	NUMBER	**Computed.** Board foot volume of the tree (for R9, the sawtimber board foot volume).
TREE_CLASS	VC(2)	Nrv_tree_measurements.tree_class
TREE_CONE_SEROTINY	VC(2)	Nrv_tree_measurements.cone_serotiny
TREE_CORDS	NUMBER	**Not available yet.**
TREE_COUNT	NUMBER	Nrv_tree_measurements.tree_count
TREE_CR	NUMBER	Nrv_tree_measurements.crown_ratio
TREE_CROWN_BASE_HEIGHT	NUMBER	Nrv_tree_measurements.crown_base_height
TREE_CROWN_CLASS	VC(2)	Nrv_tree_measurements.crown_class
TREE_CROWN_LENGTH	NUMBER	Nrv_tree_measurements.crown_length

NRV_STAND_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
TREE_CROWN_WIDTH	NUMBER	Nrv_tree_measurements.crown_width
TREE_CUBIC_VOLUME	NUMBER	**Computed.** Cubic foot volume of the whole tree (for R9, the pulp cubic foot volume).
TREE_DBH	NUMBER	Nrv_Tree_measurements.diameter (DBH)
TREE_DEADWOOD_PERCENT	NUMBER	Nrv_Tree_measurements.deadwood_percent
TREE_DIAMETER	NUMBER	The tree diameter measured at either DBH or DRC, whichever is not NULL
TREE_DISTANCE	NUMBER	Nrv_Tree_measurements.distance
TREE_DISTURB_AGENT1	VC(3)	Nrv_tree_disturbances.agent_code
TREE_DISTURB_AGENT2	VC(3)	Nrv_tree_disturbances.agent_code
TREE_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
TREE_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
TREE_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
TREE_DISTURB_AGENT_SEV1	VC(3)	Nrv_tree_disturbances.severity_rating_code
TREE_DISTURB_AGENT_SEV2	VC(3)	Nrv_tree_disturbances.severity_rating_code
TREE_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
TREE_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
TREE_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
TREE_DISTURB_CATEGORY1	VC(2)	Nrv_tree_disturbances.category_code
TREE_DISTURB_CATEGORY2	VC(2)	Nrv_tree_disturbances.category_code
TREE_DISTURB_CATEGORY3	VC(2)	Nrv_setting_disturbances.category_code
TREE_DISTURB_CATEGORY4	VC(2)	Nrv_setting_disturbances.category_code
TREE_DISTURB_CATEGORY5	VC(2)	Nrv_setting_disturbances.category_code
TREE_DISTURB_DATE1	DATE	Nrv_tree_disturbances.disturbance_date
TREE_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
TREE_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
TREE_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
TREE_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
TREE_DISTURB_EFFECT1	VC(3)	Nrv_tree_disturbances.effect_code
TREE_DISTURB_EFFECT2	VC(3)	Nrv_tree_disturbances.effect_code
TREE_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
TREE_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
TREE_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
TREE_DISTURB_EFFECT_SEV1	VC(3)	Nrv_tree_disturbances.effect_severity
TREE_DISTURB_EFFECT_SEV2	VC(3)	Nrv_tree_disturbances.effect_severity
TREE_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
TREE_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
TREE_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
TREE_DISTURB_TREE_PART1	VC(2)	Nrv_tree_disturbances.tree_part_code
TREE_DISTURB_TREE_PART2	VC(2)	Nrv_tree_disturbances.tree_part_code
TREE_DISTURB_TREE_PART3	VC(2)	Nrv_tree_disturbances.tree_part_code
TREE_DISTURB_TREE_PART4	VC(2)	Nrv_tree_disturbances.tree_part_code
TREE_DISTURB_TREE_PART5	VC(2)	Nrv_tree_disturbances.tree_part_code
TREE_DOWN_FLAG	VC(1)	Nrv_tree_measurements.down_Flag
TREE_DRC	NUMBER	Nrv_tree_measurements.diameter (DRC)
TREE_DRC_STEMS	NUMBER	Nrv_tree_measurements.no_of_stems
TREE_FIA_STOCKING	NUMBER	**Computed.** Tree stocking using the FIA algorithm
TREE_GROWTH_FORM	VC(2)	Nrv_tree_measurements.growth_form
TREE_HEIGHT	NUMBER	Nrv_tree_measurements.height

NRV_STAND_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
TREE_HEIGHT_METHOD	VC(7)	Nrv_tree_measurements.height_method **OR** 'C' if height is calculated
HEIGHT_TO_BREAK	N(7,4)	Nrv_tree_measurements.height_to_break
TREE_HEIGHT_TOPKILL	NUMBER	Nrv_tree_measurements.height_topkill
TREE_INDUSTRIAL_FLAG	VC(1)	Nrv_tree_measurements.industrial_flag
TREE_LEAN_ANGLE	NUMBER	Nrv_tree_measurements.lean_angle
TREE_LIFE_FORM	VC(2)	Nrv_tree_measurements.life_form
TREE_LIVE_DEAD	VC(1)	Nrv_tree_measurements.live_dead
TREE_LOG_DECAY_CLASS	VC(2)	Nrv_tree_measurements.log_decay_class
TREE_MERCH_CUBIC_VOLUME	NUMBER	**Computed**. Cubic foot volume of the merchantable portion of the tree (for R9, the sawtimber cubic foot volume).
TREE_NET_BOARD_VOLUME	NUMBER	**Not available yet.** Board foot volume of the tree after defect is deducted.
TREE_NET_CUBIC_VOLUME	NUMBER	**Not available yet.** Cubic foot volume of the whole tree after defect is deducted.
TREE_NET_MERCH_CUBIC_ VOLUME	NUMBER	**Not available yet.**
TREE_OFF_PLOT_FLAG	VC(1)	Nrv_Tree_measurements.off_Plot_Flag
TREE_PLOT_BA_EQ	NUMBER	The square feet of basal area per acre represented by this tree record for the lowest-level sample element (i.e. plot, subplot, etc.) on which it was measured. This value represents the expansion factor for the record. If multiple trees are represented by this record, this value is their total square feet of basal area per acre. *basal_area_equivalent = 0.005454*diameter^2*tpa_equiv*
TREE_PLOT_TPA_EQ	NUMBER	**Computed.** The number of trees per acre, at the plot level, that this tree represents.
TREE_RECENT_MORTALITY_ FLAG	VC(1)	Nrv_tree_measurements.recent_mortality_flag
TREE_REMOVAL_CODE	VC(3)	Nrv_tree_measurements.removal_code
TREE_REMOVAL_DATE	DATE	Nrv_tree_measurements.removal_date
TREE_SITE_INDEX	NUMBER	Nrv_site_indexes.site_index
TREE_SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
TREE_SITE_TREE_FLAG	VC(1)	Nrv_tree_measurements.growth_sample_tree_flag
TREE_SNAG_DECAY_CLASS	VC(2)	Nrv_tree_measurements.snag_decay_class
TREE_SPECIES	VC(8)	Nrv_tree_measurements.species_symbol
HARDWOOD_SOFTWOOD	VC(4)	**Computed.** Valid values are "HARD" or "SOFT"
TREE_STAND_BA_EQ	NUMBER	**Computed**. The basal area per acre, at the stand level, that this tree represents.
TREE_STAND_TPA_EQ	NUMBER	**Computed.** The number of trees per acre, at the stand level, that this tree represents.
TREE_STATUS	VC(1)	Nrv_Tree_measurements.tree_status
TREE_SUBGROUP	VC(4)	Nrv_Tree_measurements.subgroup_code
TREE_TAG_ID	VC(5)	Nrv_Tree_measurements.tag_Id
TREE_TOPKILL_PERCENT	NUMBER	Nrv_tree_measurements.topkill_percent
TREE_TREATMENT_OPTION_1	VC(2)	Nrv_tree_measurements.first_treatment_option
TREE_TREATMENT_OPTION_2	VC(2)	Nrv_tree_measurements.second_treatment_option
TREE_UNIQUE_NO	NUMBER	Nrv_tree_measurements.unique_no

NRV_STAND_PLOT_TREE_CV_WD_VM (cont.)

Name	Size	Description
TREE_WILDLIFE_USE	VC(2)	Nrv_tree_measurements.tree_usage
TREE_X_COORDINATE	NUMBER	Nrv_tree_measurements.x_coordinate
TREE_Y_COORDINATE	NUMBER	Nrv_tree_measurements.y_coordinate
TREE_YEAR_OF_DEATH	NUMBER	Nrv_tree_measurements.year_of_death
TREE_YEAR_OF_ORIGIN	NUMBER	Nrv_tree_measurements.year_of_origin
COVER_AGE	NUMBER	Nrv_cover_measurements.age
COVER_AGE_METHOD	VC(2)	Nrv_cover_measurements.age_method
COVER_DRY_WT	NUMBER	Nrv_cover_measurements.dry_wt
COVER_DRY_WT_FACTOR	NUMBER	Nrv_cover_measurements.dry_wt_factor
COVER_FORAGE_CLASS	VC(4)	Nrv_cover_measurements.class
COVER_FORAGE_PERCENT	NUMBER	Nrv_cover_measurements.forage_percent
COVER_GREEN_WT	NUMBER	Nrv_cover_measurements.green_wt
COVER_GROWTH_FORM	VC(2)	Nrv_cover_measurements.growth_form
COVER_HEIGHT	NUMBER	Nrv_cover_measurements.height
COVER_HEIGHT_MAX	NUMBER	Nrv_cover_measurements.height_max
COVER_HEIGHT_MIN	NUMBER	Nrv_cover_measurements.height_min
COVER_INDICATOR_SPECIES_FLAG	VC(1)	Nrv_cover_measurements.indicator_species_flag
COVER_INTERCEPT	NUMBER	Nrv_cover_measurements.intercept
COVER_ITEM_COUNT	NUMBER	Nrv_cover_measurements.item_count
COVER_LAYER	VC(3)	Nrv_cover_measurements.layer_code
COVER_LAYER_CODE_LOCAL	VC(2)	Nrv_cover_measurements.layer_code_local
COVER_LIFEFORM	VC(2)	Nrv_cover_measurements.lifeform
COVER_LIVE_DEAD	VC(1)	Nrv_cover_measurements.live_dead
COVER_METHOD	VC(2)	Nrv_cover_measurements.cover_method
COVER_PERCENT	NUMBER	Nrv_cover_measurements.cover_percent
COVER_PHENOLOGY_CLASS	VC(2)	Nrv_cover_measurements.phenology_class
COVER_PRESENCE_FLAG	VC(1)	Nrv_cover_measurements.presence_flag
COVER_SHRUB_AGE_CLASS	VC(2)	Nrv_cover_measurements.shrub_age_class
COVER_SHRUB_FORM_CLASS	VC(4)	Nrv_cover_measurements.shrub_form_class
COVER_SPA_EQUIV	NUMBER	Nrv_cover_measurements.spa_equiv
COVER_SPECIES	VC(8)	Nrv_cover_measurements.species_symbol
COVER_SUBGROUP_CODE	VC(4)	Nrv_cover_measurements.subgroup_code
COVER_SURFACE_CODE	VC(4)	Nrv_cover_measurements.surface_cover_code
COVER_TAG_ID	VC(5)	Nrv_cover_measurement.tag_id
COVER_VOUCHER_FLAG	VC(1)	Nrv_cover_measurements.voucher_flag
WOOD_DECAY_CLASS	VC(2)	Nrv_down_woody_measurements.decay_Class
WOOD_DEPTH	NUMBER	Nrv_down_woody_measurements.depth
WOOD_DEPTH2	NUMBER	Nrv_down_woody_measurements.depth2
WOOD_DIAMETER	N(6,3)	Nrv_down_woody_measurements.diameter
WOOD_DIAMETER_LARGE_END	NUMBER	Nrv_down_woody_measurements.diameter_large_end
WOOD_DIAMETER_SMALL_END	NUMBER	Nrv_down_woody_measurements.diameter_small_end
WOOD_FUEL_BED_DEPTH	NUMBER	Nrv_down_woody_measurements.fuel_bed_depth
WOOD_HUMUS_DEPTH	NUMBER	Nrv_down_woody_measurements.humus_depth
WOOD_LENGTH	NUMBER	Nrv_down_woody_measurements.length
WOOD_NO_OF_PIECES	NUMBER	Nrv_down_woody_measurements.no_of_pieces
WOOD_SPECIES	VC(8)	Nrv_down_woody_measurements.species_symbol
WOOD_SUBGROUP_CODE	VC(4)	Nrv_down_woody_measurements.subgroup_code
WOOD_VOLUME	NUMBER	Nrv_down_woody_measurements.volume
WOOD_WEIGHT	NUMBER	Nrv_down_woody_measurements.weight

NRV_STAND_PLOT_WOOD_VM

Contains stand level, plotlevel, and down woody data.

Name	Size	Description
STAND_CN ***Required***	VC(34)	Foreign key to the stand record in Nrv_setting_measurements.
ARCHIVE_FLAG	VC(1)	Flag to indicate this setting measurement record does not represent the current status of the vegetation. Y = Yes, this is an archived record.
BROWNS_1HR	NUMBER	The number of 1-hour size class intersections tallied on the Brown's transect for this plot
BROWNS_10HR	NUMBER	The number of 10-hour size class intersections tallied on the Brown's transect for this plot
BROWNS_100HR	NUMBER	The number of 100-hour size class intersections tallied on the Brown's transect for this plot
BROWNS_1000HR	NUMBER	The number of 1000-hour size class intersections tallied on the Brown's transect for this downed woody piece (typically 1 since they are usually recorded individually)
BROWNS_1HR_CUBIC	NUMBER	**Computed**. Stand level 1-hour fuel cubic foot per acre.
BROWNS_10HR_CUBIC	NUMBER	**Computed.** Stand level 10-hour fuel cubic foot per acre.
BROWNS_100HR_CUBIC	NUMBER	**Computed**. Stand level 100-hour fuel cubic foot per acre.
BROWNS_1HR_TONS	NUMBER	**Computed**. Stand level 1-hour fuel tons per acre.
BROWNS_10HR_TONS	NUMBER	**Computed**. Stand level 10-hour fuel tons per acre.
BROWNS_100HR_TONS	NUMBER	**Computed**. Stand level 100-hour fuel tons per acre.
BROWNS_1000HR_ROTTEN_ CUBIC	NUMBER	**Computed**. Stand level 1000-hour rotten fuel cubic foot per acre.
BROWNS_1000HR_ROTTEN_ DIA_AVG	NUMBER	**Computed**. Stand level 1000-hour rotten average diameter.
BROWNS_1000HR_ROTTEN_ TONS	NUMBER	**Computed**. Stand level 1000-hour rotten fuel tons per acre.
BROWNS_1000HR_SOUND_ CUBIC	NUMBER	**Computed**. Stand level 1000-hour sound fuel cubic foot per acre.
BROWNS_1000HR_SOUND_DIA_ AVG	NUMBER	**Computed**. Stand level 1000-hour sound average diameter.
BROWNS_1000HR_SOUND_TONS	NUMBER	**Computed**. Stand level 1000-hour sound fuel tons per acre.
BROWNS_DUFF_DEPTH_AVG	NUMBER	**Computed**. Stand level average duff depth.
BROWNS_DUFF_TONS_AVG	NUMBER	**Computed.** Stand level average duff tons per acre estimate from a Brown's 1- or 2- sample point survey for duff. The estimate is derived using: duff tons/acre = (average duff depth * 10 tons/inch)
BROWNS_FUEL_DEPTH_AVG	NUMBER	**Computed**. Stand level average fuel depth.
COMPARTMENT	VC(10)	Nrv_setting_measurements.compartment_no (not populated for most stand exam data)
CONSEC_PT_NUM	VC(8)	Nrv_setting_measurements.consec_pt_num
COUNTY	VC(3)	Nrv_setting_measurements.county

NRV_STAND_PLOT_WOOD_VM (cont.)

Name	Size	Description
DISTRICT	VC(2)	Nrv_setting_measurements.district
FOREST_ADMIN	VC(2)	Nrv_setting_measurements.forest_admin
FOREST_PROC	VC(2)	Nrv_setting_measurements.forest_proc
GEOGRAPHICAL_AREA	VC(5)	Nrv_setting_measurements.geographical_area
I_M_FLAG	VC(1)	Stand record only. If Y this is data that will be or is measured multiple times
LATITUDE_DEG	NUMBER	Nrv_setting_measurements.latitude_deg
LATITUDE_MIN	NUMBER	Nrv_setting_measurements.latitude_min
LATITUDE_SEC	NUMBER	Nrv_setting_measurements.latitude_sec
LAT_LON_DATUM	VC(8)	Nrv_setting_measurements.lat_lon_datum
LITTER_1	N(6,2)	First layer of litter
LITTER_2	N(6,3)	Second layer of litter
LOCATION	VC(16)	Nrv_setting_measurements.location
LONGITUDE_DEG	NUMBER	Nrv_setting_measurements.longitude_deg
LONGITUDE_MIN	NUMBER	Nrv_setting_measurements.longitude_min
LONGITUDE_SEC	NUMBER	Nrv_setting_measurements.longitude_sec
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date
MEASUREMENT_NO	VC(2)	Nrv_setting_measurements.measurement_no
NFS_LAND_CLASS	VC(3)	Nrv_setting_measurements.nfs_land_class
PLOT	VC(10)	Nrv_setting_measurements.level_2_id
PLS_MERIDIAN	VC(2)	Nrv_setting_measurements.meridian_code
PLS_RANGE	VC(5)	Nrv_setting_measurements.pls_range
PLS_SECTION	VC(2)	Nrv_setting_measurements.pls_section
PLS_SUBDIVISION	VC(4)	Nrv_setting_measurements.pls_subdivision
PLS_TOWNSHIP	VC(5)	Nrv_setting_measurements.pls_township
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
PURPOSE_CODE	VC(4)	Code that lists the reason for the survey
REGION_ADMIN	VC(2)	Nrv_setting_measurements.region_admin
REGION_PROC	VC(2)	Nrv_setting_measurements.region_proc
RESERVE_CLASS	VC(2)	Nrv_setting_measurements.reserve_class
RPA_LAND_CLASS	VC(2)	Nrv_setting_measurements.rpa_land_class
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id
STAND	VC(10)	Nrv_setting_measurements.level_1_id
STATE	VC(2)	Nrv_setting_measurements.state
STATE_PLANE_DATUM	VC(10)	Nrv_setting_measurements.state_plane_datum
STATE_PLANE_X	NUMBER	Nrv_setting_measurements.state_plane_x
STATE_PLANE_Y	NUMBER	Nrv_setting_measurements.state_plane_y
STATE_PLANE_ZONE	VC(10)	Nrv_setting_measurements.state_plane_zone
SUBCOMPARTMENT	VC(10)	Nrv_setting_measurements.subcompartment_no
SURVEY_UNIT	VC(2)	Nrv_setting_measurements.survey_unit
UTM_DATUM	VC(10)	Nrv_setting_measurements.utm_datum
UTM_EASTING	NUMBER	Nrv_setting_measurements.utm_easting
UTM_NORTHING	NUMBER	Nrv_setting_measurements.utm_northing
UTM_ZONE	NUMBER	Nrv_setting_measurements.utm_zone
STAND_ACRES_GIS	N(10,2)	Nrv_setting_measurements.acres_gis
STAND_AGE	NUMBER	**Computed** (System date – Stand_Origin_Year)
STAND_AGENCY	VC(4)	Nrv_setting_measurements.agency
STAND_ARCHIVE_DATE	DATE	The date the stand record was archived
STAND_ASPECT	N(3)	Nrv_setting_measurements.aspect

NRV_STAND_PLOT_WOOD_VM (cont.)

Name	Size	Description
STAND_BA	NUMBER	**Computed.** Stand basal area per acre. Live trees only.
STAND_BIOMASS_STOCKING	NUMBER	**Not available yet.**
STAND_BOARD_STOCKING	NUMBER	**Computed.** Stand board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
STAND_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
STAND_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
STAND_CORDS_STOCKING	NUMBER	**Not available yet**.
STAND_CSE_USER_CODE	VC(20)	Nrv_data_code_setmeas.data where data_id = "CSE generic setting code."
STAND_CUBIC_STOCKING	NUMBER	**Computed.** Stand cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
STAND_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
STAND_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
STAND_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
STAND_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
STAND_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
STAND_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
STAND_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
STAND_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
STAND_EV	VC(10)	Nrv_setting_measurements.ev_code

NRV_STAND_PLOT_WOOD_VM (cont.)

Name	Size	Description
STAND_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
STAND_FIA_EV_CALC	VC(10)	**Computed**. Forest type using the FIA algorithm
STAND_FIA_TOTAL_STOCKING	NUMBER	**Computed**. Stand tree stocking using the FIA algorithm
STAND_FSVEG_ID	VC(40)	Nrv_setting_measurements.fsveg_id
STAND_FUEL_1HR	N(5,2)	Nrv_fuel_models.fuel_1hr
STAND_FUEL_10HR	N(5,2)	Nrv_fuel_models.fuel_10hr
STAND_FUEL_100HR	N(5,2)	Nrv_fuel_models.fuel_100hr
STAND_FUEL_BED_DEPTH	N(5,2)	Nrv_fuel_models.fuel_bed_depth
STAND_FUEL_MODEL	VC(3)	Nrv_fuel_models.fuel_model
STAND_FUEL_MODEL_CODE	VC(10)	Nrv_fuel_models.fuel_model_code
STAND_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
STAND_HISTORY1	VC(6)	Nrv_setting_histories.history_code
STAND_HISTORY2	VC(6)	Nrv_setting_histories.history_code
STAND_HISTORY3	VC(6)	Nrv_setting_histories.history_code
STAND_HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
STAND_HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
STAND_HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
STAND_MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Stand cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
STAND_NET_BOARD_STOCKING	NUMBER	**Not available yet**. Stand board foot volume per acre after defect has been detected. Live trees only.
STAND_NET_CUBIC_STOCKING	NUMBER	**Not available yet.** Stand cubic foot volume per acre, after defect is deducted. Live trees only.
STAND_NET_MERCH_CUBIC_ STOCKING	NUMBER	**Not available yet.** Stand cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
STAND_ORGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_origin
STAND_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
STAND_OWNER	VC(4)	Nrv_setting_measurements.owner
STAND_PV	VC(10)	Nrv_setting_measurements.pv_code
STAND_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
STAND_QMD	NUMBER	**Computed.** Stand quadratic mean diameter. Live trees only.
STAND_SDI	NUMBER	**Computed.** Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9, and 10. Shaw's method is used for Regions 3 and 4.
STAND_SEEDLINGS	NUMBER	**Computed.** Stand number of trees per acre. This value only includes live trees less than 4.5 feet tall.
STAND_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
STAND_SITE_INDEX_CALC	NUMBER	**Computed.** Site index based n site tree data collected on the plot and the values computed for site_index_ref_calc and site_species_calc
STAND_SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
STAND_SITE_INDEX_REF_CALC	VC(5)	**Computed.** The referenced used to compute site_index_calc, determined by a functin of site_species_calc, Region, and Forest
STAND_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species

NRV_STAND_PLOT_WOOD_VM (cont.)

Name	Size	Description
STAND_SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10; the site species with the plurality of basal area in the setting. For Regions 2, 3, and 4; computed according to RMSTANS rules. Used to compute site_index_calc.
STAND_SIZE	N(8,4)	Nrv_setting_measurements.setting_size
STAND_SLOPE	N(3)	Nrv_setting_measurements.slope
STAND_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
STAND_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
STAND_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
STAND_SPATIAL_LINK	VC(1)	Nrv_setting_measurements.spatial_link
STAND_STRATUM	VC(6)	Nrv_setting_measurements.stratum
STAND_STRATUM_EXPANSION_FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion_factor
STAND_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
STAND_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
STAND_TPA	NUMBER	**Computed.** Stand number of trees per acre. Live trees only.
STAND_VSS	VC(6)	**Computed**. Vegetation structural stage for Regions 2, 3 and 4 only.
PLOT_AGE	NUMBER	**Computed** (System date – Stand_Origin_Year)
PLOT_ARCHIVE_DATE	DATE	The date the plot record was archived
PLOT_ASPECT	N(3)	Nrv_setting_measurements.aspect
PLOT_BA	NUMBER	**Computed**. Plot basal area per acre. Live trees only.
PLOT_BIOMASS_STOCKING	NUMBER	**Not available yet.**
PLOT_BOARD_STOCKING	NUMBER	**Computed.** Plot board foot volume per acre (for R9, the sawtimber board foot volume). Live trees only.
PLOT_CANOPY_CLOSURE	N(3)	Nrv_setting_measurements.canopy_closure
PLOT_CAPABLE_GROW_AREA_PCT	N(3)	Nrv_setting_measurements.capable_grow_area_pct
PLOT_CN	VC(34)	Foreign key to the plot record in Nrv_setting_measurements
PLOT_CORDS_STOCKING	NUMBER	**Not available yet.**
PLOT_CSE_USER_CODE	VC(20)	Nrv_data_code_setmeas.data where data_id = "CSE generic plot code."
PLOT_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre (for R9, the pulp cubic foot volume). Live trees only.
PLOT_DISTURB_AGENT1	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT2	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT3	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
PLOT_DISTURB_AGENT_SEV1	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV2	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV3	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
PLOT_DISTURB_CATEGORY1	VC(2)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY2	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY3	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_CATEGORY4	VC(3)	Nrv_setting_disturbances.category_code

NRV_STAND_PLOT_WOOD_VM (cont.)

Name	Size	Description
PLOT_DISTURB_CATEGORY5	VC(3)	Nrv_setting_disturbances.category_code
PLOT_DISTURB_DATE1	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE2	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE3	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
PLOT_DISTURB_EFFECT1	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT2	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT3	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
PLOT_DISTURB_EFFECT_SEV1	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV2	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV3	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
PLOT_DISTURB_PERCENT1	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT2	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT3	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT4	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_DISTURB_PERCENT5	NUMBER	Nrv_setting_disturbances.damage_percent
PLOT_ELEVATION	N(6,1)	Nrv_setting_measurements.elevation
PLOT_EV	VC(10)	Nrv_setting_measurements.ev_code
PLOT_EV_REF	VC(10)	Nrv_setting_measurements.ev_ref_code
PLOT_FSVEG_ID	VC(40)	Nrv_setting_measurements.fsveg_id
PLOT_FUEL_1HR	N(5,2)	Nrv_fuel_models.fuel_1hr
PLOT_FUEL_10HR	N(5,2)	Nrv_fuel_models.fuel_10hr
PLOT_FUEL_100HR	N(5,2)	Nrv_fuel_models.fuel_100hr
PLOT_FUEL_BED_DEPTH	N(5,2)	Nrv_fuel_models.fuel_bed_depth
PLOT_FUEL_MODEL	VC(3)	Nrv_fuel_models.fuel_model
PLOT_FUEL_MODEL_CODE	VC(10)	Nrv_fuel_models.fuel_model_code
PLOT_FUEL_PHOTO_CN	VC(34)	Nrv_fuel_photos.fuel_photo_cn
PLOT_FUEL_PHOTO_ REFERENCE	VC(10)	Nrv_fuel_photos.fuel_photo_reference
PLOT_FVS_DUFF	N(5,1)	Nrv_fuel_photos.fvs_duff
PLOT_FVS_FUEL01	N(5,1)	Nrv_fuel_photos.fvs_fuel01
PLOT_FVS_FUEL13	N(5,1)	Nrv_fuel_photos.fvs_fuel13
PLOT_FVS_FUEL36	N(5,1)	Nrv_fuel_photos.fvs_fuel36
PLOT_FVS_FUEL612	N(5,1)	Nrv_fuel_photos.fvs_fuel612
PLOT_FVS_FUEL12P	N(5,1)	Nrv_fuel_photos.fvs_fuel12p
PLOT_FVS_LITTER	N(5,1)	Nrv_fuel_photos.fvs_litter
PLOT_GIS_LINK	VC(26)	Nrv_setting_measurements.gis_link
PLOT_HISTORY1	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY2	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY3	VC(6)	Nrv_setting_histories.history_code
PLOT_HISTORY_DATE1	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE2	DATE	Nrv_setting_histories.history_date
PLOT_HISTORY_DATE3	DATE	Nrv_setting_histories.history_date
PLOT_LATITUDE_GIS	N(11,6)	Nrv_setting_measurements.latitude_gis

NRV_STAND_PLOT_WOOD_VM (cont.)

Name	Size	Description
PLOT_LONGITUDE_GIS	N(11,6)	Nrv_setting_measurements.longitude_gis
PLOT_MERCH_CUBIC_STOCKING	NUMBER	**Computed.** Plot cubic foot volume per acre of the merchantable portion of tree (for R9, the sawtimber cubic foot volume). Live trees only.
PLOT_NET_BOARD_STOCKING	NUMBER	**Not available yet.** Plot board foot volume per acre after defect has been detected. Live trees only.
PLOT_NET_CUBIC_STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre, after defect is deducted. Live trees only.
PLOT_NET_MERCH_CUBIC_ STOCKING	NUMBER	**Not available yet.** Plot cubic foot volume per acre of the merchantable portion of tree after defect is deducted. Live trees only.
PLOT_ORIGIN	VC(2)	Nrv_setting_measurements.setting_origin
PLOT_ORIGIN_YEAR	N(4)	Nrv_setting_measurements.stand_year_of_origin
PLOT_PV	VC(10)	Nrv_setting_measurements.pv_code
PLOT_PV_REF	VC(10)	Nrv_setting_measurements.pv_ref_code
PLOT_QMD	NUMBER	**Computed.** Plot quadratic mean diameter. Live trees only.
PLOT_RESIDUE_DESC_CODE	VC(20)	Nrv_fuel_photos.residue_desc_code
PLOT_SDI	NUMBER	**Computed.** Plot Stand Density Index. Live trees only. Stage's method is used for Regions 1, 2, 5, 6, 8, 9 and 10. Shaw's method is used for Regions 3 and 4.
PLOT_SEEDLINGS	NUMBER	**Computed**. Plot number of trees per acre. This value only includes live trees less than 4.5 feet tall.
PLOT_SITE_INDEX	N(4,1)	Nrv_site_indexes.site_index
PLOT_SITE_INDEX_CALC	NUMBER	**Computed.** Site index based n site tree data collected on the plot and the values computed for site_index_ref_calc and site_species_calc
PLOT_SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
PLOT_SITE_INDEX_REF_CALC	VC(5)	**Computed.** The referenced used to compute site_index_calc, determined by a functin of site_species_calc, Region, and Forest.
PLOT_SITE_SPECIES	VC(8)	Nrv_site_indexes.site_species
PLOT_SITE_SPECIES_CALC	VC(8)	**Computed.** For Regions 1, 5, 6, 8, 9, and 10; the site species with the plurality of basal area in the setting. For Regions 2, 3, and 4; computed according to RMSTANS rules. Used to compute site_index_calc.
PLOT_SLOPE	N(3)	Nrv_setting_measurements.slope
PLOT_SLOPE_POSITION	VC(2)	Nrv_setting_measurements.slope_position
PLOT_SLOPE_SHAPE_HORIZ	VC(2)	Nrv_setting_measurements.slope_shape_horiz
PLOT_SLOPE_SHAPE_VERT	VC(2)	Nrv_setting_measurements.slope_shape_vert
PLOT_SPATIAL_LINK	VC(1)	Nrv_setting_measurements.spatial_link
PLOT_STRATUM	VC(6)	Nrv_setting_measurements.stratum
PLOT_STRATUM_EXPANSION_ FACTOR	N(9,1)	Nrv_setting_measurements.stratum_expansion_factor
PLOT_STRUCTURE	VC(2)	Nrv_setting_measurements.structure
PLOT_SUBGROUP_CODE	VC(4)	Nrv_setting_measurements.subgroup_code
PLOT_TPA	NUMBER	**Computed**. Plot number of trees per acre. Live trees only.
WOOD_CN	VC(34)	Foreign key to the down woody record in Nrv_down_woody_measurements

NRV_STAND_PLOT_WOOD_VM (cont.)

Name	Size	Description
WOOD_DECAY_CLASS	VC(2)	Nrv_down_woody_measurements.decay_class
WOOD_DEPTH	N(6,3)	Nrv_down_woody_measurements.depth
WOOD_DEPTH2	N(6,3)	Nrv_down_woody_measurements.depth2
WOOD_DIAMETER	N(6,3)	Nrv_down_woody_measurements.diameter
WOOD_DIAMETER_LARGE_END	N(6,3)	Nrv_down_woody_measurements.diameter_large_end
WOOD_DIAMETER_SMALL_END	N(6,3)	Nrv_down_woody_measurements.diameter_small_end
WOOD_FUEL_BED_DEPTH	N(6,3)	Nrv_down_woody_measurements.fuel_bed_depth
WOOD_HUMUS_DEPTH	N(6,3)	Nrv_down_woody_measurements.humus_depth
WOOD_LENGTH	N(6,3)	Nrv_down_woody_measurements.length
WOOD_NO_OF_PIECES	N(3)	Nrv_down_woody_measurements.no_of_pieces
WOOD_SPECIES	VC(8)	Nrv_down_woody_measurements.species_symbol
WOOD_SUBGROUP_CODE	VC(4)	Nrv_down_woody_measurements.subgroup_code
WOOD_VOLUME	N(10,3)	Nrv_down_woody_measurements.volume
WOOD_WEIGHT	N(8,3)	Nrv_down_woody_measurements.weight

NRV_TREE_VM

Contains tree level data.

Name	Size	Description
STAND_CN ***Required***	VC(34)	Foreign key to the stand record in Nrv_setting_measurements
AGE	N(4)	Nrv_tree_measurements.age
ANNUAL_HT_GROWTH	NUMBER	Nrv_tree_measurements.height_growth
ANNUAL_RADIAL_GROWTH		Nrv_tree_measurements.radial_growth
ARCHIVE_FLAG	VC(1)	Flag to indicate this setting measurement record does not represent the current status of the vegetation. Y = Yes, this is an archived record.
AZIMUTH	N(3)	Nrv_tree_measurements.azimuth
BA	NUMBER	The basal area of the tree, in square feet. BA = $0.005454*diameter^2$
BARE_TOP_PERCENT	N(3)	Nrv_tree_measurements.bare_top_percent
BIOMASS	NUMBER	**Not available yet.**
BOARD_VOLUME	NUMBER	**Computed**. Board foot volume of the tree (for R9, the sawtimber board foot volume).
CLUSTR	VC(6)	Nrv_setting_measurements.level_1_id (if Region 5)
CLUSTER_BA_EQ	NUMBER	**Computed.** The basal area per acre, at the cluster level, that this tree represents.
CLUSTER_TPA_EQ	NUMBER	**Computed.** The number of trees per acre, at the cluster level, that this tree represents
COMPARTMENT	VC(10)	Nrv_setting_measurements.compartment_no (not populated for most stand exam data)
CONE_SEROTINY	VC(2)	Nrv_tree_measurements.cone_serotiny
CORDS	NUMBER	**Not available yet.**
COUNTY	VC(3)	Nrv_setting_measurements.county
CR	N(3)	Nrv_tree_measurements.crown_ratio
CROWN_BASE_HEIGHT	N(6,3)	Nrv_tree_measurements.crown_base_height

NRV_TREE_VM (cont.)

Name	Size	Description
CROWN_CLASS	VC(2)	Nrv_tree_measurements.crown_class
CROWN_LENGTH	N(6,3)	Nrv_tree_measurements.crown_length
CROWN_WIDTH	N(5,2)	Nrv_tree_measurements.crown_width
CUBIC_VOLUME	NUMBER	**Conputed.** Cubic foot volume of the whole tree (for R9, the pulp cubic foot volume).
DBH	NUMBER	Nrv_tree_measurements.diameter (DBH)
DEADWOOD_PERCENT	N(3)	Nrv_tree_measurements.deadwood_percent
DIAMETER	N(6,3)	The tree diameter measured at either DBH or DRC, whichever is not NULL.
DISTANCE	N(6,3)	Nrv_tree_measurements.distance
DISTRICT	VC(2)	Nrv_setting_measurements.district
DISTURB_AGENT1	VC(3)	Nrv_tree_disturbances.agent_code
DISTURB_AGENT2	VC(3)	Nrv_tree_disturbances.agent_code
DISTURB_AGENT3	VC(3)	Nrv_tree_disturbances.agent_code
DISTURB_AGENT4	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT5	VC(3)	Nrv_setting_disturbances.agent_code
DISTURB_AGENT_SEV1	VC(3)	Nrv_tree_disturbances.severity_rating_code
DISTURB_AGENT_SEV2	VC(3)	Nrv_tree_disturbances.severity_rating_code
DISTURB_AGENT_SEV3	VC(3)	Nrv_tree_disturbances.severity_rating_code
DISTURB_AGENT_SEV4	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_AGENT_SEV5	VC(3)	Nrv_setting_disturbances.severity_rating_code
DISTURB_CATEGORY1	VC(2)	Nrv_tree_disturbances.category_code
DISTURB_CATEGORY2	VC(2)	Nrv_tree_disturbances.category_code
DISTURB_CATEGORY3	VC(2)	Nrv_tree_disturbances.category_code
DISTURB_CATEGORY4	VC(2)	Nrv_setting_disturbances.category_code
DISTURB_CATEGORY5	VC(2)	Nrv_setting_disturbances.category_code
DISTURB_DATE1	DATE	Nrv_tree_disturbances.disturbance_date
DISTURB_DATE2	DATE	Nrv_tree_disturbances.disturbance_date
DISTURB_DATE3	DATE	Nrv_tree_disturbances.disturbance_date
DISTURB_DATE4	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_DATE5	DATE	Nrv_setting_disturbances.disturbance_date
DISTURB_EFFECT1	VC(3)	Nrv_tree_disturbances.effect_code
DISTURB_EFFECT2	VC(3)	Nrv_tree_disturbances.effect_code
DISTURB_EFFECT3	VC(3)	Nrv_tree_disturbances.effect_code
DISTURB_EFFECT4	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT5	VC(3)	Nrv_setting_disturbances.effect_code
DISTURB_EFFECT_SEV1	VC(3)	Nrv_tree_disturbances.effect_severity
DISTURB_EFFECT_SEV2	VC(3)	Nrv_tree_disturbances.effect_severity
DISTURB_EFFECT_SEV3	VC(3)	Nrv_tree_disturbances.effect_severity
DISTURB_EFFECT_SEV4	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_EFFECT_SEV5	VC(3)	Nrv_setting_disturbances.effect_severity
DISTURB_TREE_PART1	VC(2)	Nrv_tree_disturbances.tree_part_code
DISTURB_TREE_PART2	VC(2)	Nrv_tree_disturbances.tree_part_code
DISTURB_TREE_PART3	VC(2)	Nrv_tree_disturbances.tree_part_code
DISTURB_TREE_PART4	VC(2)	Nrv_tree_disturbances.tree_part_code
DISTURB_TREE_PART5	VC(2)	Nrv_tree_disturbances.tree_part_code
DOWN_FLAG	VC(1)	Nrv_tree_measurements.down_Flag
DRC	NUMBER	Nrv_tree_measurements.diameter (DRC)
DRC_STEMS	N(3)	Nrv_tree_measurements.no_of_stems

NRV_TREE_VM (cont.)

Name	Size	Description
FOREST_ADMIN	VC(2)	Nrv_setting_measurements.forest_admin
FOREST_PROC	VC(2)	Nrv_setting_measurements.forest_proc
GROWTH_FORM	VC(2)	Nrv_tree_measurements.growth_form
HEIGHT	N(7,4)	Nrv_tree_measurements.height
HEIGHT_CALC	NUMBER	**Computed**. Calculated height if height is missing.
HEIGHT_TO_BREAK	N(7,4)	Nrv_tree_measurements.height_to_break
HEIGHT_TOPKILL	N(7,4)	Nrv_tree_measurements.height_topkill
INDUSTRIAL_FLAG	VC(1)	Nrv_tree_measurements.industrial_flag
LEAN_ANGLE	N(2)	Nrv_tree_measurements.lean_angle
LIFE_FORM	VC(2)	Nrv_tree_measurements.life_form
LIVE_DEAD	VC(1)	Nrv_tree_measurements.live_dead
LOCATION	VC(16)	Nrv_setting_measurements.location
LOG_DECAY_CLASS	VC(2)	Nrv_tree_measurements.log_decay_class
MEASUREMENT_DATE	DATE	Nrv_setting_measurements.measurement_date
MEASUREMENT_NO	VC(2)	Nrv_setting_measurements.measurement_no
MERCH_CUBIC_VOLUME	NUMBER	**Computed.** Cubic foot volume of the merchantable portion of the tree (for R9, the sawtimber cubic foot volume).
NET_BOARD_VOLUME	NUMBER	**Not available yet.** Board foot volume of the tree after defect is deducted.
NET_CUBIC_VOLUME	NUMBER	**Not available yet.** Cubic foot volume of the whole tree after defect is deducted.
NET_MERCH_CUBIC_VOLUME	NUMBER	**Not available yet.** Cubic foot volume of the merchantable portion of the tree after defect is deducted.
OFF_PLOT_FLAG	VC(1)	Nrv_tree_measurements.off_plot_flag
PLOT	VC(10)	Nrv_setting_measurements.level_2_id
PLOT_BA_EQ	N(8,4)	The square feet of basal area per acre represented by this tree record for the lowest-level sample element (i.e. plot, subplot, etc.) on which it was measured. This value represents the expansion factor for the record. If multiple trees are represented by this record, this value is their total square feet of basal area per acre. *basal_area_equivalent = 0.005454*diameter²*tpa_equiv*
PLOT_CN	VC(34)	Foreign key to the plot record in Nrv_setting_
PLOT_TPA_EQ	N(10,5)	**Computed.** The number of trees per acre, at the plot level, that this tree represents.
PROJECT_NAME	VC(25)	Nrv_setting_measurements.project_name
PURPOSE_CODE	VC(4)	Code that represents the reason for the survey
RECENT_MORTALITY_FLAG	VC(1)	Nrv_tree_measurements.recent_mortality_flag
REGION_ADMIN	VC(2)	Nrv_setting_measurements.region_admin
REGION_PROC	VC(2)	Nrv_setting_measurements.region_proc
REMOVAL_CODE	VC(3)	Nrv_tree_measurements.removal_code
REMOVAL_DATE	DATE	Nrv_tree_measurements.removal_date
SETTING_ID	VC(30)	Nrv_setting_measurements.setting_id
SITE_INDEX	NUMBER	Nrv_site_indexes.site_index
SITE_INDEX_REF	VC(3)	Nrv_site_indexes.reference_no
SITE_TREE_FLAG	VC(1)	Nrv_Tree_measurements.site_tree_flag
SNAG_DECAY_CLASS	VC(2)	Nrv_Tree_measurements.snag_decay_class

NRV_TREE_VM (cont.)

Name	Size	Description
SPECIES	VC(8)	Nrv_Tree_measurements.species_symbol
HARDWOOD_SOFTWOOD	VC(4)	**Computed.** Valid values are "HARD" or "SOFT"
STAND	VC(4)	Nrv_setting_measurements.level_1_id
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.
STATE	VC(2)	Nrv_setting_measurements.state
SUBCOMPARTMENT	VC(10)	Nrv_setting_measurements.subcompartment_no
SUBGROUP	VC(4)	Nrv_tree_measurements.subgroup_code
TAG_ID	VC(5)	Nrv_tree_measurements.tag_id
TOPKILL_PERCENT	N(3)	Nrv_tree_measurements.topkil_percent
TREATMENT_OPTION_1	VC(2)	Nrv_tree_measurements.first_treatment_option
TREATMENT_OPTION_2	VC(2)	Nrv_tree_measurements.second_treatment_option
TREE_CLASS	VC(2)	Nrv_tree_measurements.tree_class
TREE_CN	VC(34)	Foreign key to the tree record in Nrv_tree_measurements
TREE_COUNT	N(4)	Nrv_tree_measurements.tree_count
TREE_FIA_STOCKING	NUMBER	**Computed.** Tree stocking using the FIA algorithm
TREE_STATUS	VC(1)	Nrv_tree_measurements.tree_status
UNIQUE_NO	N(5)	Nrv_tree_measurements.unique_no
WILDLIFE_USE	VC(2)	Nrv_tree_measurements.tree_usage
X_COORDINATE	N(7,2)	Nrv_tree_measurements.x_coordinate
Y_COORDINATE	N(7,2)	Nrv_tree_measurements.y_coordinate
YEAR_OF_DEATH	N(4)	Nrv_tree_measurements.year_of_death
YEAR_OF_ORIGIN	N(4)	Nrv_tree_measurements.year_of_origin