

REA Naming Conventions, Acronyms, and Abbreviations

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List of REAs and Acronyms

Below is a list of REAs and their corresponding 3-letter codes which are used in naming files, folders, and databases.

REA	3-Letter Code	REA	3-Letter Code
Central Basin and Range	CBR	Northern Great Basin	NGB
Central Yukon	CYR	Northwestern Great Plains	NWP
Chihuahuan Desert	CHD	San Luis Valley	SLV
Colorado Plateau	COP	Seward Peninsula	SNK
Madrean Archipelago	MAR	Sonoran Desert	SOD
Middle Rockies	MIR	Southern Great Plains	SGP
Mojave Basin and Range	MBR	Wyoming Basin	WYB
North Slope	NOS	Yukon Kuskokwim	YKL

REA File Naming Conventions

There is a standard format used when naming REA files, including data, map, and model files. Understanding this format will help users decipher the content of the files. The following charts provide guidance on the REA file naming convention. Format varies with file type; however, all file names begin with a 3-letter code of an REA ecoregion or group of ecoregions (e.g., “COP” for the Colorado Plateau REA).

Format for file naming convention (based on file type)

File Type	File Naming Convention	Example	Description
Dataset	REA_Category_Status_Subject_Modifier_Type	NGB_TS_C_175855_GreaterSageGrouse	Dataset showing the current status of Greater Sage-Grouse (a terrestrial species) in the NGB REA
Map	REA_Category_Description	NGB_TS_Greater_SageGrouse_C_N_L_Status.mxd	ArcGIS Map document showing the current, near-term, and long-term status of Greater Sage-Grouse in the NGB REA
Model	REA_Category_ModelType_Description	NGB_TS_Geo_GreaterSageGrouse_C_Status.tbx	Geoprocessing model (ArcGIS Toolbox file) that analyzes the current status of Greater Sage-Grouse in the NGB REA

Examples of REA file names (and how to interpret them)

1. CBR_TS_C_175855_GRSO_Occ_Habitat_poly (Central Basin and Range Terrestrial Species Greater Sage-grouse current occupied habitat polygons)
2. MIR_TG_C_SensitiveSoils_HUC5 (Middle Rockies Terrestrial Group current sensitive soils by 5th level HUC*)
3. SOD_AE_C_303d_stream_DN_tbl (Sonoran Desert Aquatic Ecosystem Current 303(d) listed stream density access database table)
4. SOD_AE_C_ImpairedStream_density_huc5 (SOD aquatic ecosystem current impaired stream density by 5th level HUC)
5. COP_DV_C_LCM (Colorado Plateau development current landscape condition model index)
6. MIR_IV_N_40524_DN_poly (MIR near-term forecast density of invasive cheatgrass (*Bromus tectorum*) polygons)
7. MIR_IV_C_ALL_HUC5 (MIR All Invasives current status by 5th level HUC poly)
8. MIR_IV_C_ALLA_4km (MIR All aquatic Invasives current status 4km resolution raster)
9. CBR_CL_N_TM_AV (CBR climate change near-term forecasted average temperature)
10. NGB_DV_C_ALL_DIST_4km (Northern Great Basin all development current distribution 4km resolution raster)
11. NGB_DV_C_RDS_DN (NGB development current road network density)

*A notable inconsistency between REAs is that some use the standard HUC10 for a 5th level HUC and some (above) use the less commonly used HUC5 for a 5th level HUC.

REA codes used in file naming convention

CATEGORY ⁺		
Conservation Elements	AE	Aquatic/Riparian Ecosystem
	AG	Aquatic/Riparian Group
	AR	Avian Richness
	AS	Aquatic/Riparian Species
	EI	Ecological Integrity
	NV	Native Vegetation
	PL	Places
	TES	Terrestrial Ecosystem
	TG	Terrestrial Group
	TS	Terrestrial Species
Change Agents	CL	Climate
	DV	Development
	FI	Fire
	IV	Invasives
Attribute	AT	Attribute
Indicator	IN	Indicator
STATUS⁺	C	Current
	N	Near-Term
	L	Long-Term
	H	Historic

TYPE⁺	30m	30-meter raster
	4km	4km PRISM raster
	HUC	HUC polygon
	Ln	Line
	Poly	Polygon
	Pt	Point
	Tbl	Table
ModelType⁺	Climate	Climate
	Conceptual	Conceptual
	Ecolnt	Ecological integrity
	Fragstats	FRAGSTATS
	Geo	Geoprocessing
	Intact	Intactness
	MaxEnt	MaxEnt

SUBJECT⁺	175855	Species code: ITIS serial number for Greater Sage-grouse
	AI	Aquatic intactness
	Dust	Dust
	GR	Ecosystem name or abbreviation: Grassland
	Gra	Grazing
	IBA	Important bird areas
	LCM	Landscape condition model
	MigratoryBirds	Species Group name or abbreviation
	MR	Macro-invertebrate species richness
	NV	Native vegetation
	OilGas	Oil & Gas change agent
	PH	pH
	Pop	Population
	PPT	Precipitation
	RD	Renewable energy development
	Rds	Roads
	RESolar	Solar renewable energy
	SA	Species abundance
	Soil	Soil
	SP	Solar potential
	TE	Threatened & endangered species
	TM or Temp	Temperature
	TI	Terrestrial intactness
	Trans	Transportation
	Urb	Urbanization
	Veg	Veg code from LANDFIRE EVT, NLCD, SWReGAP, etc
	VI	Vegetation intactness
	WQ	Water quality
MODIFIER⁺	Ann	Annual
	AV	Average
	AVhigh	Average high
	AVlow	Average low
	Dif	Difference
	Dist	Distribution
	DN	Density
	Ext	Extent
	Fall	Fall
	Footprint	Footprint, corridor, flyway
	FR	Frequency
	Frag	Fragmentation
	Ind	Index
	MAX	Maximum
	MIN	Minimum
	OccHab	Occupied Habitat
	Prct	Percent
	PriorityZone	Priority zones for solar renewable energy
	Sd	Standard deviation
	Spr	Spring
	Summ	Summer
	Win	Winter
	YrRnd	Year-round

Abbreviations used in file naming convention

Abbreviation	Description
AE	aquatic ecosystem CE
AG	aquatic group CE
AI	Aquatic Intactness
ALLA	all aquatic
ALLT	all terrestrial
AR	Avian richness
AS	aquatic species CE
AV	average
AvHigh	average high
AvLow	average low
C	current status
CL	climate CA
COPMixedLowSagbrushShrublnd	Colorado Plateau Mixed Low Sagebrush Shrubland
CritHab	critical habitat
CryptogamicCrust	cryptogamic Crust
CV	Coefficient of Variance
DIST	distribution
DN	density
DSTNC	distance
DV	development CA
EI	ecological integrity CE
EmergentHerbaceousWetland	emergent herbaceous wetland
ErodableSoils	Soils of Conservation Concern (high erodability)
EXT	extent
FI	fire CA
ForestWoodland	Forest & Woodland

Abbreviation	Description
FR	frequency
FRQ	frequency
GBFoothillLwerMontaneRiprnWdIndShrbIndStrm	Great Basin Foothill and Lower Montane Riparian Woodland and Shrubland/Stream
GBLakeReservoir	Great Basin Lake/Reservoir
GBPinyonJuniperWoodInd	Great Basin Pinyon-Juniper Woodland
GBSemiDesertChaparral	Great Basin Semi-Desert Chaparral
GBSpringsSeeps	Great Basin Springs and Seeps
GBXericMixedSagebrushShrubInd	Great Basin Xeric Mixed Sagebrush Shrubland
GR	grassland ecosystem
GRA	Grazing (development change agent)
Grasslands	Grasslands
IBA	Important Bird Areas
IMBActiveStabilizedDune	Inter-Mountain Basins Active and Stabilized Dune
IMBAspenMixedConiferForestWoodInd	Inter-Mountain Basins Aspen-Mixed Conifer Forest and Woodland
IMBBigSagebrushShrubInd	Inter-Mountain Basins Big Sagebrush Shrubland
IMBBigSagebrushSteppe	Inter-Mountain Basins Big Sagebrush Steppe
IMBCliffCanyon	Inter-Mountain Basins Cliff and Canyon
IMBCurlLeafMtnMahoganyWoodlandShrubland	Inter-Mountain Basins Curl-leaf Mountain Mahogany Woodland and Shrubland
IMBDesertWash	Inter-Mountain Basin Desert Wash
IMBGreasewoodFlat	Inter-Mountain Basins Greasewood Flat
IMBMixedSaltDesertScrub	Inter-Mountain Basins Mixed Salt Desert Scrub
IMBMontaneSagebrushSteppe	Inter-Mountain Basins Montane Sagebrush Steppe
IMBPlaya	Inter-Mountain Basins Playa
IMBSemiDesertGrassland	Inter-Mountain Basins Semi-Desert Grassland
IMBSemiDesertShrubSteppe	Inter-Mountain Basins Semi-Desert Shrub-Steppe
IMBSubalpineLimberBristleconePineWoodInd	Inter-Mountain Basins Subalpine Limber-Bristlecone Pine Woodland

Abbreviation	Description
IND	index
INT	intactness
ITIS	integrated taxonomic information system
IV	invasives CA
L	long-term forecast status
LCM	landscape condition model
Lease	(current) leases
MJMidElevMixedDesertScrub	Mojave Mid-Elevation Mixed Desert Scrub
MogollonChaparral	Mogollon Chaparral
MR	macro-invertebrate species richness
N	near-term forecast status
NAAridWestEmergentMarshAndPond	North American Arid West Emergent Marsh and Pond
NAS	Nonindigenous Aquatic species
NAWarmDesertBadland	North American Warm Desert Badland
NAWarmDesertBedrockCliffAndOutcrop	North American Warm Desert Bedrock Cliff and Outcrop
NAWarmDesertPavement	North American Warm Desert Pavement
NV	native vegetation CE
OccHab	occupied habitat
OpenWater	open water
PH	pH
PinyonPine	Pinyon Pine
POP	population (human)
PRCNT	percent
PRECIP	precipitation
RDS	roads
RE	renewable energy
REC	Recreation (development change agent)
RMAlpineMontaneWetMeadowAlpineLake	Rocky Mountain Alpine-Montane Wet Meadow/Alpine Lake

Abbreviation	Description
RMApineTurf	Rocky Mountain Alpine Turf
RMAspenForestWoodland	Rocky Mountain Aspen Forest and Woodland
RMSubAlpineMontaneRiprnWdIndShrbIndStrm	Rocky Mountain Subalpine-Montane Riparian Woodland and Shrubland/Stream
RNG	range
SA	species abundance
ShrubScrub	Shrub/Scrub
SLV	San Luis Valley REA
SMCreosotebushWhiteBursageDesertScrub	Sonora-Mojave Creosotebush-White Bursage Desert Scrub
SMMixedSaltDesertScrub	Sonora-Mojave Mixed Salt Desert Scrub
SMSemiDesertChaparral	Sonora-Mojave Semi-Desert Chaparral
SonoraMidElevDesertScrub	Sonoran Mid-Elevation Desert Scrub
SP	solar potential
SparseVegetatedBarren	sparsely vegetated/barren
std	data standard (BLM)
StdDev	Standard Deviation
TE	threatened & endangered species richness
TES	terrestrial ecosystem CE
TG	terrestrial group CE
TI	Terrestrial Intactness
TM	temperature
TRANS	all transportation
TS	terrestrial species CE
URB	urbanization
VI	vegetation intactness
WoodyWetlandRiparian	woody wetland & riparian
WQ	water quality
YrRnd	year-round

REA Naming Conventions

YKL_TS_C_180701_Caribou_Status

When a modifier is absent,
the dataset is the distribution
(for CEs) or status (for CAs).

CATEGORIES

AE-Aquatic/Riparian Ecosystem
AS-Aquatic/Riparian Species
EI-Ecological Integrity
TES-Terrestrial Ecosystem
TS-Terrestrial Species
CL – Climate
DV – Development
FI – Fire
IV – Invasives
PF - Permafrost

TIME

H – Historic
C – Current
N – Near Term (2020's)
L – Long Term (2060's)

CE/CA NAME

Spell out full name
Use plain language

SPECIES CODE

(www.itis.gov)

180701 – Caribou

898198 – Moose

MODIFIER / DATA OVERLAY (examples)

Status – overlay with Landscape Condition Model

Length of Growing Season – Climate variable

ChangeInAnnualPrecip – Change in Annual Precipitation

MigrationCorridors -