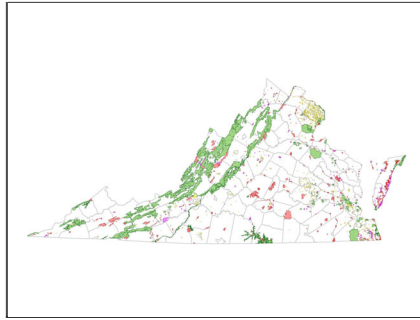


Conservation Lands Database

Shapefile



Tags

environment, boundaries, planning, biota

Summary

Statewide GIS coverage of Conservation Lands in Virginia to serve as a land conservation planning tool.

Description

This dataset contains the boundaries for lands of conservation and recreational interest in Virginia. The Conservation Lands Database is constantly being edited and updated. Historic easements are held by the Virginia Board of Historic Resources and administered by the Virginia department of Historic Resources. Data is released to the public quarterly and posted to the download section of the website:
http://www.dcr.virginia.gov/natural_heritage/cldownload.shtml

Credits

VA-DCR, Natural Heritage

Use limitations

The re-distribution of this dataset for profit is prohibited.

Extent

West -83.833128 **East** -75.152538
North 39.393548 **South** 36.467112

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:150,000,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE boundaries, environment, planningCadastre

* CONTENT TYPE Downloadable Data
 EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Conservation Lands Database
 ALTERNATE TITLES Managed Areas Database
 PUBLICATION DATE 2006-03-01 00:00:00
 REVISION DATE 2023-11-01 00:00:00
 CREATION DATE 2001-01-01 00:00:00

PRESENTATION FORMATS * digital map

OTHER CITATION DETAILS

The Conservation Lands Database is constantly being edited and updated. Data is released to the public quarterly and posted to the download section of the DCR website.

http://www.dcr.virginia.gov/natural_heritage/cldownload.shtml

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY

INDIVIDUAL'S NAME David Boyd
 ORGANIZATION'S NAME VA-DCR, Natural Heritage
 CONTACT'S POSITION Conservation Lands GIS Planner
 CONTACT'S ROLE originator

[Hide Citation Contacts ▲](#)

Resource Details ►

DATASET LANGUAGES English (UNITED STATES)
 DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS on-going
 SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.6.1.9270

CREDITS

VA-DCR, Natural Heritage

ARCGIS ITEM PROPERTIES

* NAME conslands
 * SIZE 19.498
 * LOCATION file:///\\COV0066712\C\$\gisdata\conslands\conslands copy\newdata\conslands.shp
 * ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

DESCRIPTION

State of Virginia

TEMPORAL EXTENT

ENDING DATE 2015-03-18 00:00:00

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -83.833128

* EAST LONGITUDE -75.152538

* NORTH LATITUDE 39.393548

* SOUTH LATITUDE 36.467112

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -373533.577100

* EAST LONGITUDE 374771.027209

* SOUTH LATITUDE 60321.095342

* NORTH LATITUDE 376635.521200

* EXTENT CONTAINS THE RESOURCE Yes

*Hide Extents ▲***Resource Points of Contact ►**

POINT OF CONTACT

INDIVIDUAL'S NAME David Boyd

ORGANIZATION'S NAME VA-DCR, Natural Heritage

CONTACT'S POSITION Conservation Lands GIS Planner

CONTACT'S ROLE publisher

*Hide Resource Points of Contact ▲***Resource Maintenance ►**

RESOURCE MAINTENANCE

UPDATE FREQUENCY quarterly

*Hide Resource Maintenance ▲***Resource Constraints ►**

CONSTRAINTS

LIMITATIONS OF USE

The re-distribution of this dataset for profit is prohibited.

*Hide Resource Constraints ▲***Spatial Reference ►**

ARCGIS COORDINATE SYSTEM

* TYPE Projected

* GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
 * PROJECTION NAD_1983_Virginia_Lambert
 * COORDINATE REFERENCE DETAILS
 PROJECTED COORDINATE SYSTEM
 WELL-KNOWN IDENTIFIER 3968
 X ORIGIN -37232800
 Y ORIGIN -28884600
 XY SCALE 120957855.10008635
 Z ORIGIN -100000
 Z SCALE 10000
 M ORIGIN -100000
 M SCALE 10000
 XY TOLERANCE 0.001
 Z TOLERANCE 0.001
 M TOLERANCE 0.001
 HIGH PRECISION true
 LATEST WELL-KNOWN IDENTIFIER 3968
 WELL-KNOWN TEXT PROJCS["NAD_1983_Virginia_Lambert",GEOGCS
 ["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID
 ["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT
 ["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER
 ["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-
 79.5],PARAMETER["Standard_Parallel_1",37.0],PARAMETER
 ["Standard_Parallel_2",39.5],PARAMETER["Latitude_Of_Origin",36.0],UNIT
 ["Meter",1.0],AUTHORITY["EPSG",3968]]

REFERENCE SYSTEM IDENTIFIER

* VALUE 3968
 * CODESPACE EPSG
 * VERSION 7.1(10.0.0)

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME conslands
 * OBJECT TYPE composite
 * OBJECT COUNT 6247

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME conslands
 * FEATURE TYPE Simple
 * GEOMETRY TYPE Polygon
 * HAS TOPOLOGY FALSE
 * FEATURE COUNT 6247
 * SPATIAL INDEX FALSE
 * LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Data Quality ►

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY ►
 DIMENSION horizontal

[Hide Data quality report - Conceptual consistency ▲](#)

DATA QUALITY REPORT - COMPLETENESS OMISSION ►
 DIMENSION horizontal

[Hide Data quality report - Completeness omission ▲](#)

[Hide Data Quality ▲](#)

Lineage ►

LINEAGE STATEMENT

Compiled by VA-DCR Natural Heritage using tabular and spatial data submitted by many data providers in VA.

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 19.498

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [conslands ►](#)

* TYPE Feature Class

* ROW COUNT 6247

FIELD FID ►

* ALIAS FID

* DATA TYPE OID

* WIDTH 4

* PRECISION 0

* SCALE 0

* FIELD DESCRIPTION

Internal feature number.

* DESCRIPTION SOURCE

ESRI

* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

[Hide Field FID ▲](#)

FIELD Shape ►

- * ALIAS Shape
- * DATA TYPE Geometry
- * WIDTH 0
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Feature geometry.
- * DESCRIPTION SOURCE
ESRI
- * DESCRIPTION OF VALUES
Coordinates defining the features.

[Hide Field Shape ▲](#)

FIELD LABEL ►

- * ALIAS LABEL
- * DATA TYPE String
- * WIDTH 60
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
The official name for the complete conservation land. Used in cartography.
- * DESCRIPTION SOURCE
VA-DCR - Division of Natural Heritage

[Hide Field LABEL ▲](#)

FIELD BNDACCURAC ►

- * ALIAS BNDACCURAC
- * DATA TYPE String
- * WIDTH 19
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Description of boundary accuracy
- * DESCRIPTION SOURCE
VA-DCR - Division of Natural Heritage
- * LIST OF VALUES

VALUE	1:100,000	DESCRIPTION	Created at a scale smaller than 1:100,000	ENUMERATED DOMAIN VALUE DEFINITION SOURCE	VA-DCR - Division of Natural Heritage
VALUE	1:24,000	DESCRIPTION	Created at a scale smaller than 1:24,000		

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE 1:12,000

DESCRIPTION Created at a scale smaller than 1:12,000

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE cogo

DESCRIPTION Boundary created using coordinate geometry measurements on a deed or survey

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE digbp

DESCRIPTION Digitized from a plat and transformed to best possible control points

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE digquad

DESCRIPTION Digitized from a USGS delineated boundary on a Digital Raster Graphic

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE scrdig

DESCRIPTION Head up digitized against DRG or VBMP imagery using a non-georeferenced mapping source

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE diggps

DESCRIPTION Boundary generated from varied sources and georeferenced to GPS control points

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE dwgbp

DESCRIPTION AutoCAD file georeferenced to best possible points

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE cadbp

DESCRIPTION AutoCAD file georeferenced to GPS control points

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE cadshp

DESCRIPTION DXF file converted to a shapefile

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE unknown

DESCRIPTION Method of boundary delineation unknown

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE parcelq

DESCRIPTION Boundary derived from jurisdictional parcel data

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE deed

DESCRIPTION Boundary delineated using description in a deed

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE survq

DESCRIPTION Boundary extracted directly from survey data

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE platbp

DESCRIPTION Boundary delineated from a georeferenced plat
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE digvbmp

DESCRIPTION Boundary delineated using map reference and guided by VBMP imagery
 ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

Hide Field BNDACCURAC ▲

FIELD LANDLINK ►

- * ALIAS LANDLINK
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Web link to more information about a conservation land or land management organization

DESCRIPTION SOURCE

VA-DCR - Division of Natural Heritage

Hide Field LANDLINK ▲

FIELD MATYPE ►

- * ALIAS MATYPE
- * DATA TYPE String
- * WIDTH 40
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Managed Area Type - category of land

DESCRIPTION SOURCE

VA-DCR - Division of Natural Heritage

Hide Field MATYPE ▲

FIELD MANAME ►

- * ALIAS MANAME
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Managed Area Name - conservation land name

DESCRIPTION SOURCE

VA-DCR - Division of Natural Heritage

Hide Field MANAME ▲

FIELD MAAGENCY ►

- * ALIAS MAAGENCY
- * DATA TYPE String

* WIDTH 50
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Land management entity responsible for managing the conservation values of the land

DESCRIPTION SOURCE

VA-DCR - Division of Natural Heritage

[Hide Field MAAGENCY ▲](#)

FIELD OWNER ►

* ALIAS OWNER
* DATA TYPE String
* WIDTH 50
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Property owner

DESCRIPTION SOURCE

VA-DCR - Division of Natural Heritage

[Hide Field OWNER ▲](#)

FIELD TOTALACRE ►

* ALIAS TOTALACRE
* DATA TYPE Double
* WIDTH 19
* PRECISION 18
* SCALE 2

FIELD DESCRIPTION

Documented acreage for the complete conservation land unit, including all tracts or polygons (see MAID).

DESCRIPTION SOURCE

VA-DCR - Division of Natural Heritage

[Hide Field TOTALACRE ▲](#)

FIELD TRACTACRE ►

* ALIAS TRACTACRE
* DATA TYPE Double
* WIDTH 19
* PRECISION 18
* SCALE 2

FIELD DESCRIPTION

Documented acreage for a conservation land tract or polygon. If not available, gisacre is used

DESCRIPTION SOURCE

VA-DCR - Division of Natural Heritage

[Hide Field TRACTACRE ▲](#)

FIELD GISACRE ►

- * ALIAS GISACRE
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 18
- * SCALE 2

FIELD DESCRIPTION

GIS acreage calculated in the VA Lambert projection

DESCRIPTION SOURCE

VA-DCR - Division of Natural Heritage

Hide Field GISACRE ▲

FIELD ACQDATE ►

- * ALIAS ACQDATE
- * DATA TYPE String
- * WIDTH 10
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Acquisition date for the property. If this value is blank, either the date is unknown or the polygon represents more than one legal tract of land.

DESCRIPTION SOURCE

VA-DCR - Division of Natural Heritage

Hide Field ACQDATE ▲

FIELD MALEVEL ►

- * ALIAS MALEVEL
- * DATA TYPE String
- * WIDTH 15
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Management agency level for the conservation land

DESCRIPTION SOURCE

VA-DCR - Division of Natural Heritage

LIST OF VALUES

VALUE Federal

DESCRIPTION Federal agency or entity manages the conservation land

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE State

DESCRIPTION State agency or entity manages the conservation land

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE Local

DESCRIPTION Local or regional entity manages the conservation land

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE Private

DESCRIPTION Private entity manages the conservation land

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

VALUE VOF

DESCRIPTION Virginia Outdoors Foundation manages or hold an easement over the conservation land

ENUMERATED DOMAIN VALUE DEFINITION SOURCE VA-DCR - Division of Natural Heritage

[Hide Field MALEVEL ▲](#)

FIELD BNDORIGIN ►

* ALIAS BNDORIGIN

* DATA TYPE String

* WIDTH 40

* PRECISION 0

* SCALE 0

DESCRIPTION SOURCE

VA-DCR - Division of Natural Heritage

FIELD DESCRIPTION

Origin of the GIS bloundary

[Hide Field BNDORIGIN ▲](#)

FIELD PUBACCESS ►

* ALIAS PUBACCESS

* DATA TYPE String

* WIDTH 35

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Public access to the property as reported or assumed by VA-DCR

DESCRIPTION SOURCE

VA-DCR - Division of Natural Heritage

[Hide Field PUBACCESS ▲](#)

[Hide Details for object conslands ▲](#)

[Hide Fields ▲](#)

References ►

AGGREGATE INFORMATION

AGGREGATE RESOURCE NAME ►

OTHER CITATION DETAILS

Many spatial and tabular datasets and were referenced in building and updating the conservation lands database.

[Hide Aggregate resource name ▲](#)

[Hide References ▲](#)

Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)
 METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset
 SCOPE NAME * dataset

* LAST UPDATE 2023-11-01

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
 METADATA STYLE FGDC CSDGM Metadata
 STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2015-03-18 14:21:09
 LAST MODIFIED IN ARCGIS FOR THE ITEM 2023-11-01 14:29:58

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
 LAST UPDATE 2023-11-01 14:29:58

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME David Boyd
 ORGANIZATION'S NAME VA-DCR, Natural Heritage
 CONTACT'S POSITION Conservation Lands GIS Planner
 CONTACT'S ROLE publisher

CONTACT INFORMATION ►

PHONE
 VOICE 804-371-4801

ADDRESS

TYPE physical
 DELIVERY POINT 600 E. Main Street 24th floor
 CITY Richmond
 ADMINISTRATIVE AREA VA
 POSTAL CODE 23219
 E-MAIL ADDRESS david.boyd@dcr.virginia.gov

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY continual
 TIME PERIOD BETWEEN UPDATES
 TIME DURATION Updates released to the public quarterly: March, June, September and December. See DCR website.

[Hide Metadata Maintenance ▲](#)

Metadata Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

The Conservation Lands Database is intended to be used as a planning tool. This data should not substitute for land record research via official sources (plats, surveys, deeds). DCR will not be held liable for decisions made or damages inflicted based on the mapped locations or attributes included in this database. The re-distribution of this dataset for profit is prohibited.

CONSTRAINTS

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[Hide Metadata Constraints ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼