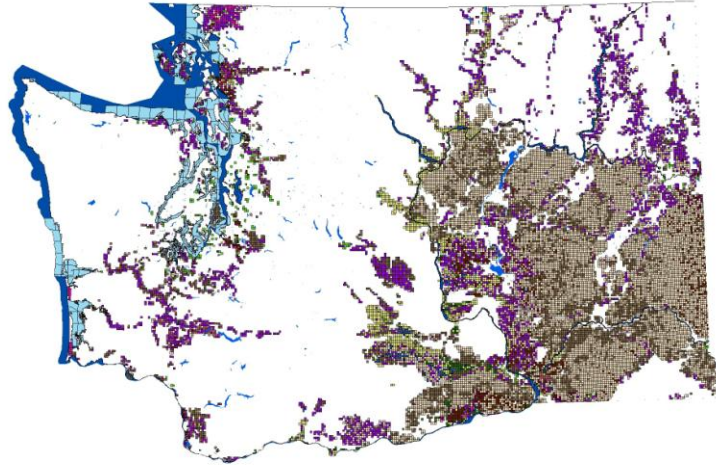


SectionsWithCrops

File Geodatabase Feature Class



Tags

Agriculture, farming, Sections with crops, Crops, Washington

Summary

To provide agricultural land use information at the section level. A section of land is typically 1 mile by 1 mile and is 640 acres. Crop Sections are related to the crop data table to provide a complete dataset that represents crop diversity and locations in WA.

Description

Feature class that includes all sections of land in the state of Washington that contain crops.

Credits

Created and maintained by the Natural Resources Assessment Section, WSDA. Many sources were compiled and used in this dataset and are documented in the DataSource attribute and defined in the Source table.

Use limitations

May not be redistributed.

Extent

West -124.749239 **East** -116.739959
North 49.030407 **South** 45.491546

Scale Range

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

[ArcGIS Metadata ►](#)

[Topics and Keywords ►](#)

THEMES OR CATEGORIES OF THE RESOURCE farming

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

PLACE KEYWORDS Washington

THEME KEYWORDS farming

THESAURUS ►
TITLE ISO 19115 Topic Categories

[Hide Thesaurus ▲](#)

THEME KEYWORDS Sections with crops

THESAURUS ►
TITLE Section polygons

[Hide Thesaurus ▲](#)

[Hide Topics and Keywords ▲](#)

Citation ►

* TITLE SectionsWithCrops
PUBLICATION DATE 2012-03-12 00:00:00
INDETERMINATE TIME unknown

EDITION 2012

PRESENTATION FORMATS digital map
FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

SERIES
NAME 2012WSDACropDistribution.mdb
ISSUE 2012

OTHER CITATION DETAILS
CropSections are related to a CropData table located within the geodatabase. All field records located within a crop section are viewable.

[Hide Citation ▲](#)

Citation Contacts ►

RESPONSIBLE PARTY
ORGANIZATION'S NAME Washington State Department of Agriculture, Perry Beale, Senior Crop Mappins Specialist
CONTACT'S ROLE originator

[Hide Citation Contacts ▲](#)

Resource Details ►

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

STATUS completed
SPATIAL REPRESENTATION TYPE vector

SUPPLEMENTAL INFORMATION

Included in the attribute table are the primary crop type and primary crop group located within the section and are provided primarily for symbolgy. These are the dominant crops (by acres) located in the section. The SectionsWithCrops feature class is "related" to the CropData table in a one-to-many relate to provide complete agricultural land use information for analysis.

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7601) Service Pack 1; Esri ArcGIS 10.2.0.3348

CREDITS

Created and maintained by the Natural Resources Assessment Section, WSDA. Many sources were compiled and used in this dataset and are documented in the DataSource attribute and defined in the Source table.

ARCGIS ITEM PROPERTIES

* NAME SectionsWithCrops
* LOCATION file:///\\AGRWK112736\C\$\WorkSpace\Crop Archive\2012 Crop Archive\2012 Distribution Data\2012WSDACropDistribution.gdb
* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -124.749239
EAST LONGITUDE -116.739959
SOUTH LATITUDE 45.494786
NORTH LATITUDE 49.030407

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching
* WEST LONGITUDE -124.749239
* EAST LONGITUDE -116.739959
* NORTH LATITUDE 49.030407
* SOUTH LATITUDE 45.491546
* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 188703.453876
* EAST LONGITUDE 775400.290573

* SOUTH LATITUDE 25448.493555
* NORTH LATITUDE 411078.904702
* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Perry Beale
ORGANIZATION'S NAME WSDA
CONTACT'S POSITION Senior Crop Mapping Specialist
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE
VOICE (360) 902-2065

ADDRESS
TYPE
E-MAIL ADDRESS pbeale@agr.wa.gov

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY annually

[Hide Resource Maintenance ▲](#)

Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

Data may not be re-distributed. Disclaimer: This data is provided 'as is' without warranty of any kind, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular use. The Natural Resources Assessment Section of Washington State Department of Agriculture will not be liable to the user of this data for any activity involving the data with respect to the following: (a) lost profits, lost savings, or any other consequential damages; (b) the fitness of the data for a particular purpose; or (c) use of the data or results obtained from the use of the data.

SECURITY CONSTRAINTS

CLASSIFICATION restricted

CONSTRAINTS

LIMITATIONS OF USE

May not be redistributed.

[Hide Resource Constraints](#) ▲

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983_HARN
- * PROJECTION NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102349
X ORIGIN -35813599.999310397
Y ORIGIN -30129699.999403577
XY SCALE 7812.499992
Z ORIGIN 0
Z SCALE 400000
M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 0.0020480000020971518
Z TOLERANCE 2.0000000000000002e-005
M TOLERANCE 2.0000000000000002e-005
HIGH PRECISION true
LATEST WELL-KNOWN IDENTIFIER 2856
WELL-KNOWN TEXT
PROJCS["NAD_1983_HARN_StatePlane_Washington_South_FIPS_4602",GEOGCS["GCS_North_American_1983_HARN",DATUM["D_North_American_1983_HARN",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER["False_Easting",500000.0],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-120.5],PARAMETER["Standard_Parallel_1",45.83333333333334],PARAMETER["Standard_Parallel_2",47.33333333333334],PARAMETER["Latitude_Of_Origin",45.33333333333334],UNIT["Meter",1.0],AUTHORITY["EPSG",2856]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 2856
- * CODESPACE EPSG
- * VERSION 8.1.1

[Hide Spatial Reference](#) ▲

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME SectionsWithCrops
* OBJECT TYPE composite
* OBJECT COUNT 23218

[Hide Vector](#) ▲

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME SectionsWithCrops

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polygon
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 23218
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Data Quality ►

SCOPE OF QUALITY INFORMATION ►

RESOURCE LEVEL dataset

Hide Scope of quality information ▲

DATA QUALITY REPORT - COMPLETENESS OMISSION ►

MEASURE DESCRIPTION

complete

Hide Data quality report - Completeness omission ▲

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY ►

MEASURE DESCRIPTION

Classification accuracy of primary crop attribute are considered to be 90% or greater.

Hide Data quality report - Quantitative attribute accuracy ▲

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ►

DIMENSION horizontal

MEASURE DESCRIPTION

Positional accuracy of the crop data is to the section level, which is typically 1 square mile.

[Hide Data quality report - Absolute external positional accuracy ▲](#)

[Hide Data Quality ▲](#)

Lineage ►

PROCESS STEP ►

DESCRIPTION

A join was performed (using the TRS field as the primary key) between the statewide Township/Range/Section feature class and the crop data table to obtain only those sections of land that contain WSDA crop field records. All of these were highlighted and a layer was created from the highlighted features, which includes only those sections of land that contain crops. A clip was performed to provide a TRS feature class with only these selected sections. A set of queries were performed in Access to determine the dominant crop in each section (by acres) and this data was populated into the SectionWithCrops feature class primarily to determine the appropriate symbology to represent each section. The cropdata table was then related to the SectionsWithCrops feature class and a "one-to-many" relationship class was created.

PROCESS CONTACT

INDIVIDUAL'S NAME Perry Beale
ORGANIZATION'S NAME WSDA
CONTACT'S POSITION Senior Crop Mapping Specialist
CONTACT'S ROLE processor

CONTACT INFORMATION ►

PHONE

VOICE (360) 902-2065

ADDRESS

TYPE postal
CITY Olympia
ADMINISTRATIVE AREA Washington
POSTAL CODE 98504-7600
COUNTRY United States of America
E-MAIL ADDRESS pbeale@agr.wa.gov

[Hide Contact information ▲](#)

[Hide Process step ▲](#)

SOURCE DATA ►

SOURCE CITATION ►

TITLE SectionsWithCrops Feature Dataset
ALTERNATE TITLES SectionsWithCrops Feature Dataset

EDITION 2012

PRESENTATION FORMATS digital map
FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

SERIES

NAME 2012WSDACropDistribution.mdb
ISSUE 2012

RESPONSIBLE PARTY

ORGANIZATION'S NAME WSDA
CONTACT'S ROLE publisher

CONTACT INFORMATION ▶

ADDRESS
DELIVERY POINT Olympia, WA

Hide Contact information ▲

RESPONSIBLE PARTY

ORGANIZATION'S NAME WSDA
CONTACT'S ROLE originator

Hide Source citation ▲

Hide Source data ▲

Hide Lineage ▲

Geoprocessing history ▶

PROCESS

PROCESS NAME
DATE 2013-03-20 14:23:36
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
CalculateField SectionsWithCrops PrimaryCropGroup [CropGroup] VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

PROCESS NAME
DATE 2013-03-20 14:24:21
TOOL LOCATION c:\program files (x86)\arcgis\desktop10.1\ArcToolbox\Toolboxes\Data Management Tools.tbx\CalculateField
COMMAND ISSUED
CalculateField SectionsWithCrops PrimaryCropType [CropType] VB #
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

Hide Geoprocessing history ▲

Distribution ▶

DISTRIBUTOR ►

CONTACT INFORMATION

INDIVIDUAL'S NAME Perry Beale
ORGANIZATION'S NAME WSDA
CONTACT'S POSITION Senior Crop Mapping Specialist
CONTACT'S ROLE distributor

CONTACT INFORMATION ►

PHONE

VOICE (360) 902-2065

ADDRESS

TYPE both
DELIVERY POINT PO Box 42560
CITY Olympia
ADMINISTRATIVE AREA Washington
POSTAL CODE 98504-2589
COUNTRY United States of America
E-MAIL ADDRESS pbeale@agr.wa.gov

HOURS OF SERVICE

8:00am - 5:00pm

Hide Contact information ▲

ORDERING PROCESS

INSTRUCTIONS

downloadable at <http://agr.wa.gov/PestFert/natresources/AgLandUse.aspx>

TRANSFER OPTIONS

MEDIUM OF DISTRIBUTION

MEDIUM NAME online link

TRANSFER OPTIONS

ONLINE SOURCE

DESCRIPTION Feature class.

Hide Distributor ▲

DISTRIBUTION FORMAT

* NAME File Geodatabase Feature Class

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT [SectionsWithCrops](#) ►

* TYPE Feature Class

* ROW COUNT 23218

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 OBJECTID ►

- * ALIAS OBJECTID
- * 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 OBJECTID ▲

FIELD Shape_Length ►

- * ALIAS SHAPE_Length
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Length of feature in internal units.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

Hide Field Shape_Length ▲

FIELD Shape_Area ►

- * ALIAS SHAPE_Area
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Area of feature in internal units squared.

DESCRIPTION SOURCE

ESRI

DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

Hide Field Shape_Area ▲

FIELD PrimaryCropGroup ►

- * ALIAS PrimaryCropGroup
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

Hide Field PrimaryCropGroup ▲

FIELD PrimaryCropType ►

- * ALIAS PrimaryCropType
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

Hide Field PrimaryCropType ▲

FIELD TOWNSHIP ►

- * ALIAS TOWNSHIP
- * DATA TYPE String
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

[Hide Field TOWNSHIP ▲](#)

FIELD TRS_1 ►

* ALIAS TRS_1
* DATA TYPE String
* WIDTH 15
* PRECISION 0
* SCALE 0

[Hide Field TRS_1 ▲](#)

FIELD TRS ►

* ALIAS TRS
* DATA TYPE String
* WIDTH 10
* PRECISION 0
* SCALE 0

[Hide Field TRS ▲](#)

FIELD SECT ►

* ALIAS SECT
* DATA TYPE SmallInteger
* WIDTH 2
* PRECISION 0
* SCALE 0

[Hide Field SECT ▲](#)

[Hide Details for object SectionsWithCrops ▲](#)

[Hide Fields ▲](#)

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 2013-11-12

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 2013-03-21 10:52:14
LAST MODIFIED IN ARCGIS FOR THE ITEM 2013-11-12 11:22:36

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2013-11-12 11:09:03

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME Perry Beale
ORGANIZATION'S NAME WSDA
CONTACT'S POSITION Senior Crop Mapping Specialist
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

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COUNTRY United States of America
E-MAIL ADDRESS pbeale@agr.wa.gov

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Constraints ►

SECURITY CONSTRAINTS

CLASSIFICATION unclassified

[Hide Metadata Constraints ▲](#)

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

[Hide Thumbnail and Enclosures ▲](#)

FGDC Metadata (read-only) ▼

DETAILED DESCRIPTION
ENTITY TYPE
ENTITY TYPE LABEL SectionsWithCrops

ATTRIBUTE
ATTRIBUTE LABEL Shape
ATTRIBUTE DEFINITION
Feature geometry.
ATTRIBUTE DEFINITION SOURCE ESRI
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Coordinates defining the features.

ATTRIBUTE
ATTRIBUTE LABEL OBJECTID
ATTRIBUTE DEFINITION
Internal feature number.
ATTRIBUTE DEFINITION SOURCE ESRI
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Sequential unique whole numbers that are automatically generated.

ATTRIBUTE
ATTRIBUTE LABEL Shape_Length
ATTRIBUTE DEFINITION
Length of feature in internal units.
ATTRIBUTE DEFINITION SOURCE ESRI
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Positive real numbers that are automatically generated.

ATTRIBUTE
ATTRIBUTE LABEL Shape_Area
ATTRIBUTE DEFINITION
Area of feature in internal units squared.
ATTRIBUTE DEFINITION SOURCE ESRI
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Positive real numbers that are automatically generated.

ATTRIBUTE
ATTRIBUTE LABEL PrimaryCropGroup

ATTRIBUTE
ATTRIBUTE LABEL PrimaryCropType

ATTRIBUTE
ATTRIBUTE LABEL TOWNSHIP

ATTRIBUTE
ATTRIBUTE LABEL TRS_1

ATTRIBUTE
ATTRIBUTE LABEL TRS

ATTRIBUTE
ATTRIBUTE LABEL SECT