

North Dakota Hub Explorer Weed Mapper and datalogger info

Weed Mapper

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

Layers Legend WEEDS

Year: None

Go

Map showing county boundaries and major cities in North Dakota. A red line highlights a path across the state. Cities labeled include Williston, Minot, Devils Lake, Grand Forks, Dickinson, Bismarck, Jamestown, Fargo, and Grand Forks.

0 66mi

WEST EAST

NORTH SOUTH

OVERVIEW MAP

ZOOM IN

ZOOM OUT

ZOOM FULL

PAN

IDENTIFY

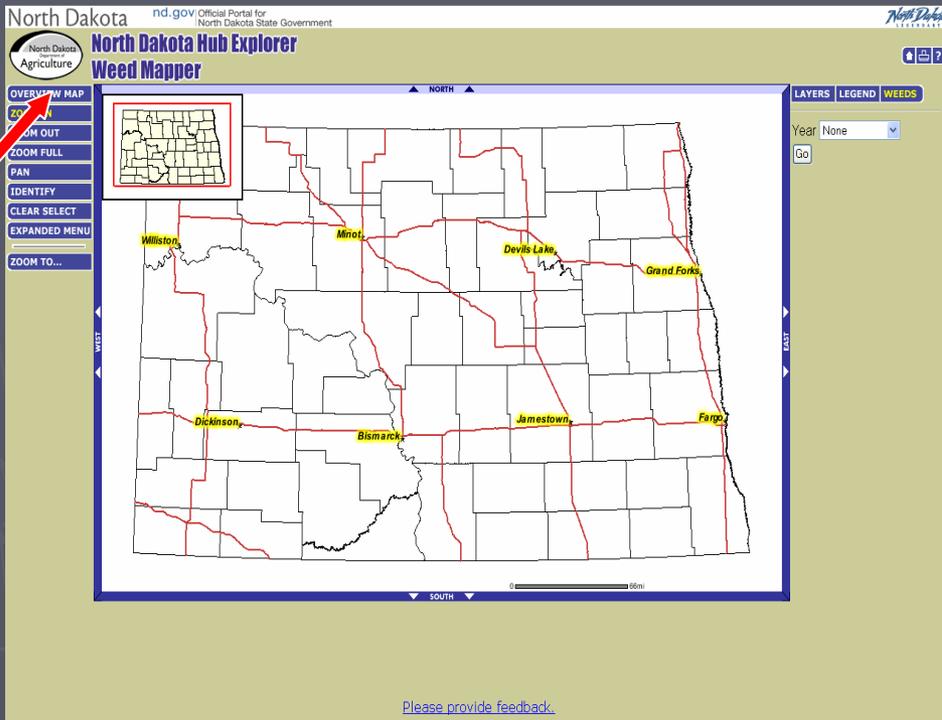
CLEAR SELECT

EXPANDED MENU

ZOOM TO...

[Please provide feedback.](#)

OVERVIEW MAP



- ▶ Click on overview
- ▶ Toggles on or off the overview or “birds-eye” view of the map. The red rectangle shown in the overview map is the current zoom extent. In the overview map, you can reposition the red zoom extent by clicking on the overview map.

ZOOM IN

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
CLEAR SELECT
EXPANDED MENU
ZOOM TO...

LAYERS LEGEND WEEDS

Year: None

Go

Williston, Minot, Devils Lake, Grand Forks, Dickinson, Bismarck, Jamestown, Fargo

0 66mi

Please provide feedback.

Click on any area of the map to get a zoomed in image. You can also select a rectangular area by clicking on a spot and dragging the cursor to form a rectangle or box.

Zoom Out

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture **North Dakota Hub Explorer** Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
CLEAR SELECT
EXPANDED MENU
ZOOM TO...

LAYERS LEGEND WEEDS

Year None
Go

Please provide feedback.

Click on any area of the map to zoom out. You can also select a rectangular area by clicking on a spot and dragging the cursor to form a rectangle or box.

Zoom Full

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
CLEAR SELECT
EXPANDED MENU
ZOOM TO...

Map showing county boundaries and major cities: Williston, Minot, Devils Lake, Grand Forks, Dickinson, Bismarck, Jamestown, Fargo.

Scale: 0 66mi

Year: None

Go

LAYERS LEGEND WEEDS

Please provide feedback.

Zooms out to the full extent of the map.

Pan

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
CLEAR SELECT
EXPANDED MENU
ZOOM TO...

Year None
Go

[Please provide feedback.](#)

- ▶ Hold the cursor down on any part of the map and drag in the direction you wish to view. Use this or click on the North, East, South, or West on the map edge.

Pan Left

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture **North Dakota Hub Explorer Weed Mapper**

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
CLEAR SELECT
EXPANDED MENU
ZOOM TO...

Year: None
Go

LAYERS LEGEND WEEDS

Please provide feedback.

Identify

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Hub Explorer
Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
CLEAR SELECT
EXPANDED MENU
ZOOM TO...

LAYERS | LEGEND | WEEDS

ND GIS HUB LAYERS

- All Layers
- Towns
- Towns and Cities
- Cities
- GeoPolitical
- Transportation
- Water
- County and City Roads
- Imagery
- Weeds

Help:

- A closed group, click to open.
- An open group, click to close.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible.
- An inactive layer, click to make active.
- The active layer.

State and Federal Roads

Rec	RouteID	StreetName	RouteType	HighwayNumber	Direction	FromMile	ToMile
1	10	B83	S B	83	S	0.72103	2.68454

Auto Refresh
REFRESH MAP

[Please provide feedback.](#)

- You can find specific information about a visible feature (e.g., a road or a county) at a selected location by clicking on the feature of interest. The layer containing the feature must be active in order to use this operation; the layer can be made active in the Layers (list of layers) view. Click on the **LAYERS | LEGEND** button in the upper right corner if the list of layers is not visible. Then click in the white circle in the Active column in front of the layer that contains the feature of interest prior to using the **IDENTIFY** button.

Select Layer to make active

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
CLEAR SELECT
EXPANDED MENU
ZOOM TO...

State and Federal Roads

Rec	RouteID	StreetName	RouteType	HighwayNumber	Direction	FromMile	ToMile
1	10	B83	S B	83	S	0.72103	2.68454

ND GIS HUB LAYERS

- All Layers
- Towns
 - Towns and Cities
 - Cities
- GeoPolitical
- Transportation
 - State and Federal Roads
 - County and City Roads
- Water
- Imagery
- Weeds

Help:

- A closed group, click to open.
- An open group, click to close.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible.
- An inactive layer, click to make active.
- The active layer.

Auto Refresh
REFRESH MAP

[Please provide feedback.](#)

After selecting the layer (circle) is now ready to identify. Click on "Identify" then click on map and click the feature you would like to identify.

Clear Select

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

Overview Map
Zoom In
Zoom Out
Zoom Full
Pan
Identify
Clear Select
Expanded Menu
Zoom To...

County and City Roads
Selection cleared.

Auto Refresh
REFRESH MAP

[Please provide feedback.](#)

Layers Legend Weeds

ND GIS HUB LAYERS

- All Layers
- Towns
 - Towns and Cities
 - Cities
- GeoPolitical
- Transportation
 - State and Federal Roads
 - County and City Roads
- Water
- Imagery
- Weeds

Help:

- A closed group, click to open.
- An open group, click to close.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible.
- An inactive layer, click to make active.
- The active layer.

This will clear all identified features.

Expanded Menu

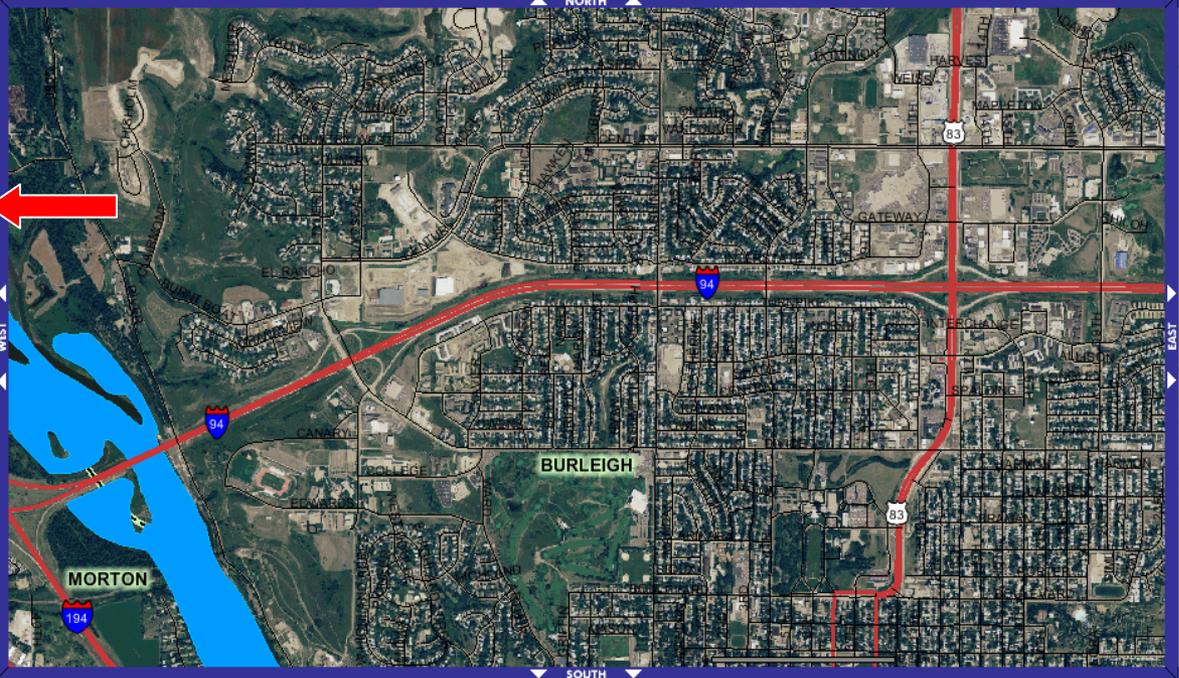
North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

Home Print ?

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
CLEAR SELECT
EXPANDED MENU ←
ZOOM TO...



County and City Roads
Selection cleared.

LAYERS **LEGEND** **WEEDS**

ND GIS HUB LAYERS

- All Layers
- Towns
 - Towns and Cities
 - Cities
- GeoPolitical
- Transportation
 - State and Federal Roads
 - County and City Roads
- Water
- Imagery
- Weeds

Help:

- A closed group, click to open.
- An open group, click to close.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible.
- An inactive layer, click to make active.
- The active layer.

Auto Refresh
REFRESH MAP

[Please provide feedback.](#)

Has more options for details of layers.

More Menus

► Complex Query

- Allows search using more detailed information

- Name
- County
- LatDMS
- LongDMS
- Latitude
- Longitude
- Elevation
- Pop1990
- QuadName

Complex Query

- ▶ Develop a set of conditions to find data and display the results of a currently active and visible layer. For example, if the active layer is Towns and Cities, select the feature from the list, type in City name, click on the Add to Query String button, then click on the Execute button.

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
COMPLEX QUERY
SIMPLE QUERY
FIND WORD
MEASURE
SET UNITS
BUFFER
SELECT BY RECT.
SELECT BY LINE
CLEAR SELECT
SHORT MENU
ZOOM TO...

Counties
Selection cleared.

Please provide feedback.

Layers Legend Weeds

ND GIS HUB LAYERS

- All Layers
- Towns
 - Towns and Cities
 - Cities
- GeoPolitical
 - Counties
 - City and Corporate Box
 - PLS Sections
 - PLS Townships
- Transportation
 - State and Federal Road
 - County and City Roads
- Water
 - Rivers and Streams
 - Lakes, Ponds, Rivers
 - Other Surface Water
- Imagery
 - Statewide 2005 Color 1m
 - Statewide 2004 Color 2m
 - Statewide 2003 Color 1m
- Weeds
 - Inventory2002
 - Inventory2003
 - Inventory2004
 - Inventory2005
 - Inventory2006

Help:
A closed group, click to open.
An open group, click to close.
A hidden group/layer, click to make visible.

Auto Refresh
REFRESH MAP

To keep the map easier to read, some data is only displayed when zoomed in. If the data is not displayed, then the query will not return any results. For example, when completely zoomed out, and you look for Adrian, it will not be found. Zoom in a bit until the cities appears, then try your query again.

Complex Query

The screenshot shows the North Dakota Hub Explorer Weed Mapper interface. The main map area displays a grid overlay on a map of North Dakota, with several cities labeled: Williston, Minot, Devils Lake, Dickinson, Bismarck, Jamestown, and Fargo. A Microsoft Internet Explorer dialog box is open in the center of the map, displaying a warning icon and the following text: "The Active Layer Towns and Cities is not visible due to scale and features cannot be selected. Zoom to a scale where the layer is visible." A red arrow points from the right side of the dialog box towards the right edge of the map. The interface includes a left sidebar with navigation buttons (Overview Map, Zoom In, Zoom Out, Zoom Full, Pan, Identify, Complex Query, Simple Query, Find Word, Measure, Set Units, Buffer, Select by Rect., Select by Line, Clear Select, Short Menu, Zoom to...), a top navigation bar with "North Dakota nd.gov Official Portal for North Dakota State Government" and "North Dakota Hub Explorer Weed Mapper", and a right sidebar with a "LAYERS" panel containing a tree view of GIS layers (Towns, GeoPolitical, Transportation, Water, Imagery, Weeds) and a "REFRESH MAP" button. At the bottom, there is a query builder section with "Field" (Name), "Operator" (=), and "Value" input fields, along with "Get Samples", "Add to Query String", "Execute", "Undo", and "Clear" buttons. A "Please provide feedback." link is located at the bottom center.

When you see this box you must zoom in to make layers visible

Complex Query

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Hub Explorer
Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
COMPLEX QUERY
SIMPLE QUERY
FIND WORD
MEASURE
SET UNITS
BUFFER
SELECT BY RECT.
SELECT BY LINE
CLEAR SELECT
SHORT MENU
ZOOM TO...

Field: Name Operator: = Value: Get Samples

Add to Query String

Execute Undo Clear

Please provide feedback.

ND GIS HUB LAYERS

- All Layers
- Towns
 - Towns and Cities
 - Cities
- GeoPolitical
 - Counties
 - City and Corporate Bo
 - PLSS Townships
 - PLSS Sections
- Transportation
 - State and Federal Road
 - County and City Roads
- Water
 - Rivers and Streams
 - Lakes,Ponds,Rivers
 - Other Surface Water
- Imagery
 - Statewide 2005 Color 1m
 - Statewide 2004 Color 2m
 - Statewide 2003 Color 1m
- Weeds
 - Inventory2002
 - Inventory2003
 - Inventory2004
 - Inventory2005
 - Inventory2006

Help:
A closed group, click to open.
An open group, click to close.
A hidden group/layer, click to make visible.

Auto Refresh
REFRESH MAP

“Name” will find city names. You can use “Get Samples” or choose your own.

Complex Query

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
COMPLEX QUERY
SIMPLE QUERY
FIND WORD
MEASURE
SET UNITS
BUFFER
SELECT BY RECT.
SELECT BY LINE
CLEAR SELECT
SHORT MENU
ZOOM TO...

LAYERS LEGEND WEEDS

ND GIS HUB LAYERS

- All Layers
- Towns
 - Towns and Cities
 - Cities
- GeoPolitical
 - Counties
 - City and Corporate Boundaries
 - PLSS Townships
 - PLSS Sections
- Transportation
 - State and Federal Roads
 - County and City Roads
- Water
 - Rivers and Streams
 - Lakes, Ponds, Rivers
 - Other Surface Water
- Imagery
 - Statewide 2005 Color 1m
 - Statewide 2004 Color 2m
 - Statewide 2003 Color 1m
- Weeds
 - Inventory2002
 - Inventory2003
 - Inventory2004
 - Inventory2005
 - Inventory2006

Help:
A closed group, click to open.
An open group, click to close.
A hidden group/layer, click to make visible.

Auto Refresh
REFRESH MAP

Field Name Operator = Value Adrian

Add to Query String "UPPER(NDHUB.PLACES_PTS.NAME) = 'ADRIAN'"

Execute Undo Clear

Please provide feedback.

Click "Add to Query String". You can replace name, but must use Caps.

Then click "Execute"

Complex Query

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture **North Dakota Hub Explorer Weed Mapper**

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
COMPLEX QUERY
SIMPLE QUERY
FIND WORD
MEASURE
SET UNITS
BUFFER
SELECT BY RECT.
SELECT BY LINE
CLEAR SELECT
SHORT MENU
ZOOM TO...

Towns and Cities

Rec	Name	County	LatDMS	LongDMS	Latitude	Longitude	Elevation	Pop1990	QuadName
1	Garrison	McLean	473908N	1012455W	47.65222	-101.41528	1920	1318	Garrison

Layers Legend Weeds

ND GIS HUB LAYERS

- All Layers
- Towns
 - Towns and Cities
 - Cities
- GeoPolitical
 - Counties
 - City and Corporate Boundaries
 - PLSS Townships
 - PLSS Sections
- Transportation
 - State and Federal Roads
 - County and City Roads
- Water
 - Rivers and Streams
 - Lakes, Ponds, Rivers
 - Other Surface Water
- Imagery
 - Statewide 2005 Color 1m
 - Statewide 2004 Color 2m
 - Statewide 2003 Color 1m
- Weeds
 - Inventory2002
 - Inventory2003
 - Inventory2004
 - Inventory2005
 - Inventory2006

Help:
A closed group, click to open.
An open group, click to close.
A hidden group/layer, click to make visible.

Auto Refresh
REFRESH MAP

Please provide feedback.

- ▶ You must click on the number in the "Rec" box for the zoom to feature to work.

Simple Query

- ▶ These are built-in queries for selected layers. A layer must be active and visible to use this. It is a simpler edition of **COMPLEX QUERY**. Not all layers have a simple query and if no layers within a map have a simple query, then the **SIMPLE QUERY** button will not appear within Weed Mapper for that map. Select from the list the name of the query, type in the value, then click on the Execute button.

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer
Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
COMPLEX QUERY
SIMPLE QUERY
FIND WORD
MEASURE
SET UNITS
BUFFER
SELECT BY RECT.
SELECT BY LINE
CLEAR SELECT
SHORT MENU
ZOOM TO...

Microsoft Internet Explorer

The Active Layer: Towns and Cities is not visible due to scale and features cannot be selected.
Zoom to a scale where the layer is visible.

OK

ND GIS HUB LAYERS

All Layers

Help:

- A closed group, click to open.
- An open group, click to close.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible.
- An inactive layer, click to make active.
- The active layer.

Auto Refresh
REFRESH MAP

Please provide feedback.

Zooms to selected Township

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture **North Dakota Hub Explorer Weed Mapper**

OVERVIEW MAP

ZOOM IN

ZOOM OUT

ZOOM FULL

PAN

IDENTIFY

COMPLEX QUERY

SIMPLE QUERY

FIND WORD

MEASURE

SET UNITS

BUFFER

SELECT BY RECT.

SELECT BY LINE

CLEAR SELECT

SHORT MENU

ZOOM TO...

PLSS Townships

Rec	Township	TownshipDirection	Range	RangeDirection	TownshipRange	TownshipText	RangeText
1	140	N	82	W	140082	T140N	R 82W

Layers LEGEND WEEDS

ND GIS HUB LAYERS

- All Layers
 - Towns
 - Towns and Cities
 - Cities
 - GeoPolitical
 - Counties
 - City and Corporate Bou
 - PLSS Townships
 - PLSS Sections
 - Transportation
 - State and Federal Road
 - County and City Roads
 - Water
 - Rivers and Streams
 - Lakes,Ponds,Rivers
 - Other Surface Water
 - Imagery
 - Statewide 2005 Color 1m
 - Statewide 2004 Color 2m
 - Statewide 2003 Color 1m
 - Weeds
 - Inventory2002
 - Inventory2003
 - Inventory2004
 - Inventory2005
 - Inventory2006

Help:

- A closed group, click to open.
- An open group, click to close.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible
- An inactive layer, click to make active

Auto Refresh

REFRESH MAP

Please provide feedback.

Find Word

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Agriculture **North Dakota Hub Explorer Weed Mapper**

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
COMPLEX QUERY
SIMPLE QUERY
FIND WORD
MEASURE
SET UNITS
BUFFER
SELECT BY RECT.
SELECT BY LINE
CLEAR SELECT
SHORT MENU
ZOOM TO...

WILLIAMS
MCKENZIE
Williston

Find Word

Enter String to Find in Towns and Cities:

[Please provide feedback.](#)

ND GIS HUB LAYERS
All Layers
Towns
Cities
GeoPolitical
Transportation
Water
Imagery
Statewide 2005 Color 1mete
Statewide 2004 Color 2mete
Statewide 2003 Color 1mete
Weeds

Help:
A closed group, click to open.
An open group, click to close.
A hidden group, click to make visible.
A visible group, click to hide.
A visible layer, but not at this scale.
A partially visible group, click to make visible.
An inactive layer, click to make active.
The active layer.

Auto Refresh

Look for a word within the currently active and visible layer. For example, if the active layer is Towns and Cities, typing in town name will zoom to town.

Find Word

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

LAYERS **LEGEND** **WEEDS**

ND GIS HUB LAYERS

- All Layers
- Towns
 - Towns and Cities
 - Cities
- GeoPolitical
- Transportation
- Water
- Imagery
- Weeds

Help:

- A closed group, click to open.
- An open group, click to close.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible.
- An inactive layer, click to make active.
- The active layer.

Towns and Cities

Rec	Name	County	LatDMS	LongDMS	Pop1990	QuadName
1	Coleharbor	McLean	473239N	1011324W	106	Coleharbor

Auto Refresh

[Please provide feedback.](#)

Measure

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Hub Explorer
Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
COMPLEX QUERY
SIMPLE QUERY
FIND WORD
MEASURE
SET UNITS
BUFFER
SELECT BY RECT.
SELECT BY LINE
CLEAR SELECT
SHORT MENU
ZOOM TO...

Total: 0 MILES Segment: 0 MILES

North Dakota GIS HUB LAYERS

- All Layers
- Towns
- Towns and Cities
- Cities
- GeoPolitical
- Transportation
- Water
- Imagery
- Weeds

Help:

- A closed group, click to open.
- An open group, click to close.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible.
- An inactive layer, click to make active.
- The active layer.

Towns and Cities
Measure Totals cleared.

Auto Refresh
REFRESH MAP

[Please provide feedback.](#)

- ▶ Click on the starting point to measure from, wait for the red dot to appear where you clicked, and then click on the next location. The measurements will be shown in the upper left corner of the map. Depending on the Internet connection, the results of the measure may take some time. If you wish to pick several points, e.g., picking points along a road, please wait for the red dot to appear each time before picking the next location. To clear the line that is drawn click on **CLEAR SELECT**.

Measure

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

Layers Legend WEEDS

Year: None

Go

Total: 0.5 MILES Segment: 1.13 MILES

Map showing a red line segment and a blue area. The red line segment is labeled "Segment: 1.13 MILES" and the blue area is labeled "Total: 0.5 MILES". The map includes labels for "MCLEAN" and "Coleharbor".

Towns and Cities
Measure Totals cleared.

[Please provide feedback.](#)

Set Units

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture **North Dakota Hub Explorer Weed Mapper**

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
COMPLEX QUERY
SIMPLE QUERY
FIND WORD
MEASURE
SET UNITS
BUFFER
SELECT BY RECT.
SELECT BY LINE
CLEAR SELECT
SHORT MENU
ZOOM TO...

Total: 2639.34 FEET Segment: 5713.46 FEET

Year: None
Go

Layers Legend Weeds

Display Units: FEET

Set Units Cancel

[Please provide feedback.](#)

Can be set to feet, miles, meters and kilometers

Select by rectangle

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
COMPLEX QUERY
SIMPLE QUERY
FIND WORD
MEASURE
SET UNITS
BUFFER
SELECT BY RECT.
SELECT BY LINE
CLEAR SELECT
SHORT MENU
ZOOM TO...

Layers Legend Weeds

ND GIS HUB LAYERS

- All Layers
- Towns
- GeoPolitical
- Transportation
 - State and Federal Roads
 - County and City Roads
- Water
- Imagery
- Weeds

Help:

- A closed group, click to open.
- An open group, click to close.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible.
- An inactive layer, click to make active.
- The active layer.

Auto Refresh
REFRESH MAP

[Please provide feedback.](#)

Select by Rectangle

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP

ZOOM IN

ZOOM OUT

ZOOM FULL

PAN

IDENTIFY

COMPLEX QUERY

SIMPLE QUERY

FIND WORD

MEASURE

SET UNITS

BUFFER

SELECT BY RECT.

SELECT BY LINE

CLEAR SELECT

SHORT MENU

ZOOM TO...

WEST EAST

NORTH SOUTH

County and City Roads

Rec	Function	SurfaceType	RouteType	RouteID	StreetType	StreetDirection	LaneDirection	StreetName
1	Local	Trail	C	31ST	AVE	NW	B	31ST AVE NW

ND GIS HUB LAYERS

- All Layers
- Towns
- GeoPolitical
- Transportation
 - State and Federal Roads
 - County and City Roads
- Water
- Imagery
- Weeds

Help:

- A closed group, click to open.
- An open group, click to close.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible.
- An inactive layer, click to make active.
- The active layer.

Auto Refresh

REFRESH MAP

[Please provide feedback.](#)

Buffer

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
COMPLEX QUERY
SIMPLE QUERY
FIND WORD
MEASURE
SET UNITS
BUFFER
SELECT BY RECT.
SELECT BY LINE
CLEAR SELECT
SHORT MENU
ZOOM TO...

McLEAN
Coleharbor

County and City Roads

Rec	Function	SurfaceType	RouteType	RouteID	StreetType	StreetDirection	LaneDirection	StreetName
1	Local	Unimproved	C	31ST	AVE	NW	B	31ST AVE NW
2	Local	Trail	C	10TH	ST	NW	B	10TH ST NW
3	Local	Trail	C	10TH	ST	NW	B	10TH ST NW

[Please provide feedback.](#)

ND GIS HUB LAYERS

- All Layers
- Towns
- GeoPolitical
- Transportation
 - State and Federal Roads
 - County and City Roads
- Water
- Imagery
- Weeds

Help:

- A closed group, click to open.
- An open group, click to close.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible.
- An inactive layer, click to make active.
- The active layer.

Auto Refresh
REFRESH MAP

Attributes that fall within the buffer area are displayed at the bottom of the map

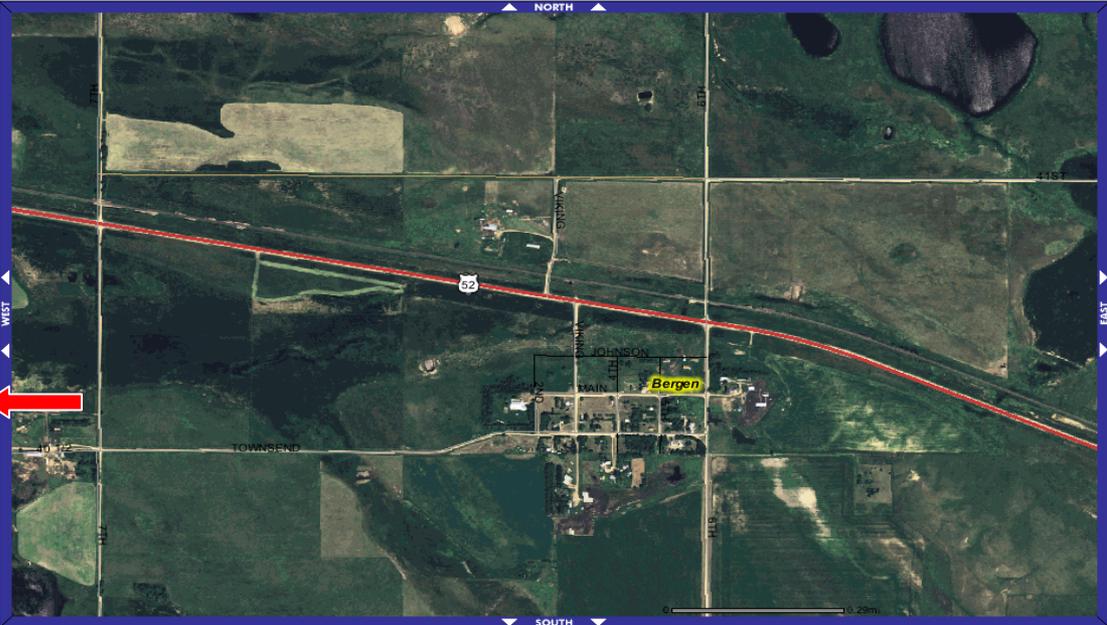
Zoom To...

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
COMPLEX QUERY
SIMPLE QUERY
FIND WORD
MEASURE
SET UNITS
BUFFER
SELECT BY RECT.
SELECT BY LINE
CLEAR SELECT
SHORT MENU
ZOOM TO...



LAYERS LEGEND WEEDS

Year None

Go

Zoom To

City Bergen (Incorporated Cities Only) Go

Please provide feedback.

- Section Township Range
- City
- County

Layers | Legend

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP

- ZOOM IN
- ZOOM OUT
- ZOOM FULL
- PAN
- IDENTIFY
- COMPLEX QUERY
- SIMPLE QUERY
- FIND WORD
- MEASURE
- SET UNITS
- BUFFER
- SELECT BY RECT.
- SELECT BY LINE
- CLEAR SELECT
- SHORT MENU
- ZOOM TO...

Towns and Cities
Selection cleared.

Please provide feedback.

ND GIS HUB LAYERS

- All Layers
- Towns and Cities
 - Towns
 - Cities
- GeoPoly
 - County
 - City and Corporate Bound
 - PLSS Township
 - PLSS Sect.
- Transportation
 - State and Federal Roads
 - County and City Roads
- Water
 - Rivers and Streams
 - Lakes, Ponds, Rivers
 - Other Surface Water
- Imagery
 - Statewide 2005 Color 1mets
 - Statewide 2004 Color 2mets
 - Statewide 2003 Color 1mets
- Weeds

Help:

- A closed group, click to open.
- An open group, click to close.
- A hidden group/layer, click to make visible.
- A visible group/layer, click to hide.
- A visible layer, but not at this scale.
- A partially visible group, click to make visible.
- An inactive layer, click to make active.
- The active layer.

Auto Refresh

REFRESH MAP

Toggles the Layers view or the Legend view. The Layers view displays the names of the available layers (at the current zoom scale), and allows one to make a layer visible or invisible and set the layer to be active. If the visibility of a layer is changed, you must click on the **REFRESH MAP** button to make your changes take effect. Setting a layer active makes it the "current" layer, allowing buttons such as **IDENTIFY** to be used.

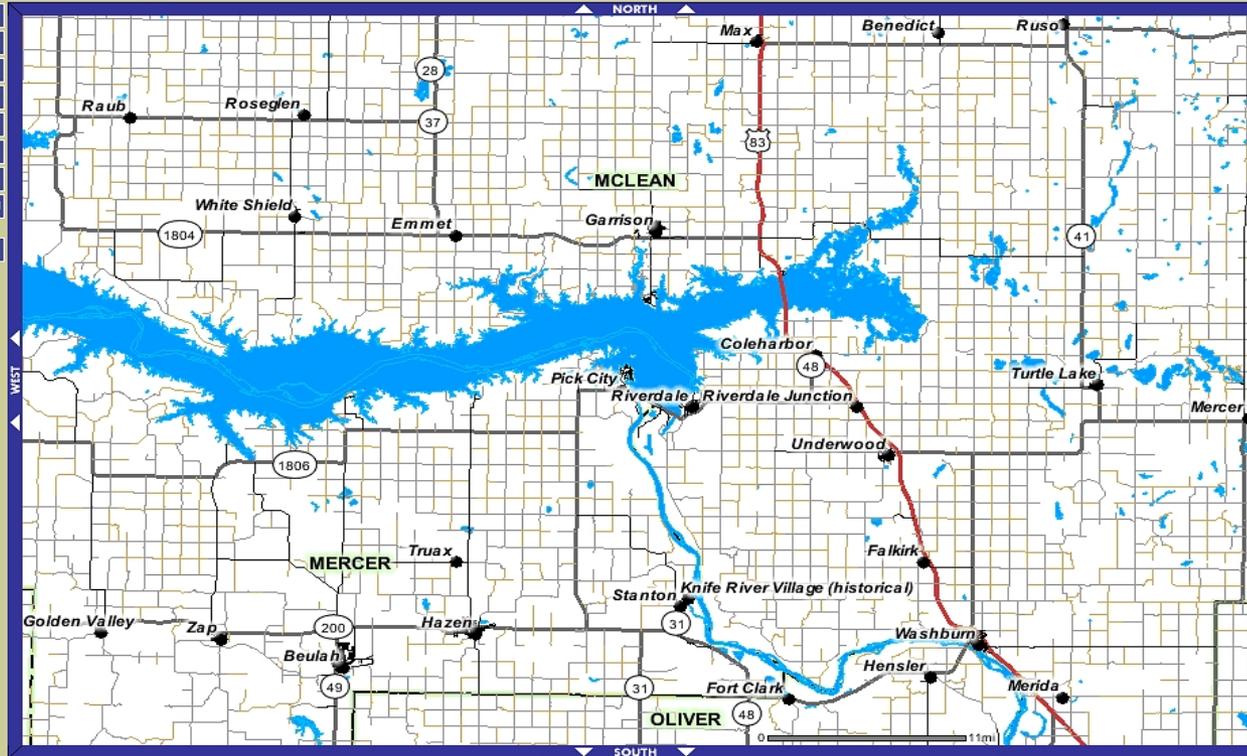
Legend



North Dakota Hub Explorer Weed Mapper



- OVERVIEW MAP
- ZOOM IN
- ZOOM OUT
- ZOOM FULL
- PAN
- IDENTIFY
- CLEAR SELECT
- EXPANDED MENU
- ZOOM TO...



- LAYERS
- LEGEND
- WEEDS

- ### Legend
- Towns and Cities
County and City Roads
 - ▬ Graded/Gravel
Paved
Trail/Unimproved
Other
 - ▬ State and Federal Roads
 - ▬ Business Loop
Freeway
State Road
Federal Road
 - Lakes, Ponds, Rivers
 - ▭ Counties

Displays active layers in the legend

Click on the WEEDS tab

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
COMPLEX QUERY
SIMPLE QUERY
FIND WORD
MEASURE
SET UNITS
BUFFER
SELECT BY RECT.
SELECT BY LINE
CLEAR SELECT
SHORT MENU
ZOOM TO...

Inventory2007 is now the Active Layer

LAYERS LEGEND WEEDS

Year Inventory2007

Go

- Absinth wormwood
- Wormwood
- Canada thistle
- Dalmatian toadflax
- Diffuse knapweed
- Field bindweed
- Leafy spurge
- Musk thistle
- Purple loosestrife
- Russian knapweed
- Saltcedar
- Spotted knapweed
- Babysbreath
- Black henbane
- Bull thistle
- Canada Thistle Weevil Site
- Chamomile
- Common Tansy
- Common burdock
- Curly dock
- False chamomile
- Hoary cress
- Houndstongue
- Kochia
- Leafy Spurge Flea Beetle Site
- Milkweed
- Plumeless thistle
- Helianthus

Please provide feedback.

North Dakota Department of Agriculture

Selecting Weeds by Year

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Agriculture
North Dakota Hub Explorer
Weed Mapper

Year: Inventory2002

Go

- Absinth wormwood
- Canada thistle
- Dalmatian toadflax
- Diffuse knapweed
- Field bindweed
- Leafy spurge
- Musk thistle
- Purple loosestrife
- Purple loosestrife (all varieties)
- Russian knapweed
- Saltcedar
- Spotted knapweed
- Babysbreath
- Black henbane
- Blue lettuce
- Chamomile
- Cheatgrass
- Common tansy
- Common teasel
- Devils claw
- False Chamomile
- False chamomile
- Hoary cress
- Houndstongue
- Yellow toadflax

Select All Deselect All

Update Map

Inventory2004 is now the Active Layer

Please provide feedback.

You will have to use the scroll bar to move the menu down to see the bottom buttons.

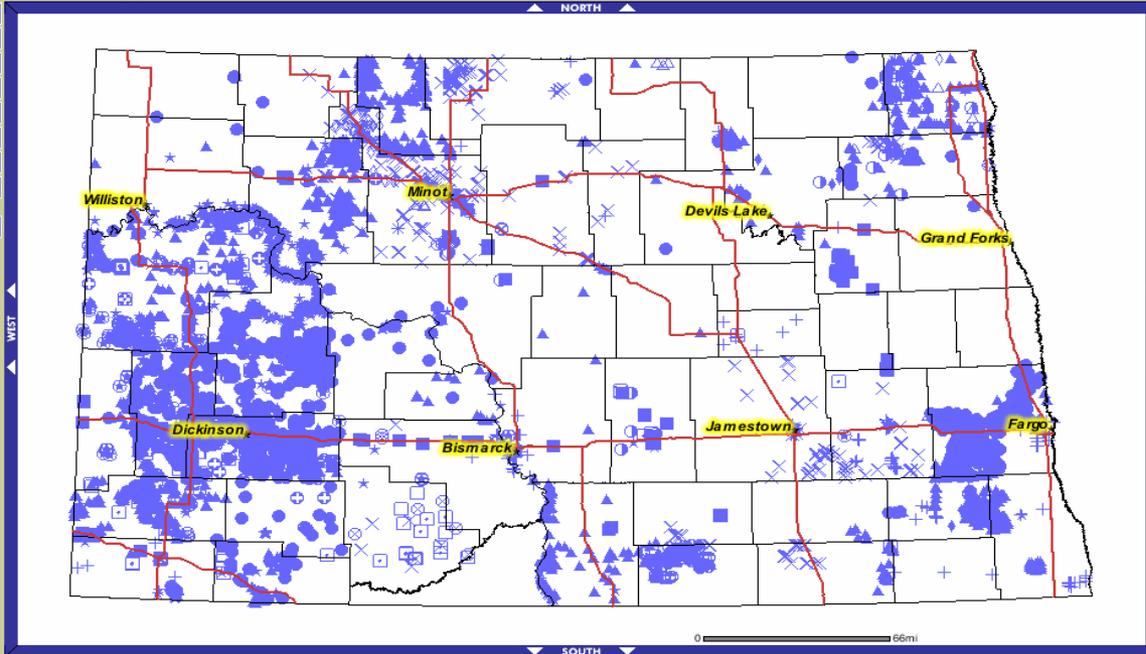
Weeds



North Dakota Hub Explorer Weed Mapper



- OVERVIEW MAP
- ZOOM IN
- ZOOM OUT
- ZOOM FULL
- PAN
- IDENTIFY
- CLEAR SELECT
- EXPANDED MENU
- ZOOM TO...



LAYERS LEGEND WEEDS

- ### Legend
- ★ Cities
 - State and Federal Roads
 - Freeway
 - Federal Road
 - Counties
 - Inventory2002
 - Inventory2004
 - Absinth wormwood
 - Canada thistle
 - Dalmatian toadflax
 - Diffuse knapweed
 - Field bindweed
 - Leafy spurge
 - Musk thistle
 - Purple loosestrife
 - Purple loosestrife (all varieties)
 - Russian knapweed
 - Saltcedar
 - Spotted knapweed
 - Babysbreath
 - Black henbane
 - Blue lettuce
 - Chamomile
 - Cheatgrass
 - Common tansy
 - Common teasel
 - Devils claw
 - False Chamomile
 - False chamomile
 - Hoary cress
 - Houndstongue
 - Yellow toadflax

Inventory2004 is now the Active Layer

[Please provide feedback.](#)

Weeds

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP

- ZOOM IN
- ZOOM OUT
- ZOOM FULL
- PAN
- IDENTIFY
- CLEAR SELECT
- EXPANDED MENU
- ZOOM TO...

Inventory2004

- Absinth wormwood
- Canada thistle
- Dalmatian toadflax
- Diffuse knapweed
- Field bindweed
- Leafy spurge
- Musk thistle
- Purple loosetrife
- Purple loosetrife (all varieties)
- Russian knapweed
- Saltcedar
- Spotted knapweed
- Babysbreath
- Black henbane
- Blue lettuce
- Chamomile
- Cheatgrass
- Common tansy
- Common teasel
- Devils claw
- False Chamomile
- False chamomile
- Hoary cress
- Houndstongue
- Yellow toadflax

Inventory2006

- Absinth wormwood
- Canada thistle
- Dalmatian toadflax
- Field bindweed
- Leafy spurge
- Musk thistle
- Purple loosetrife
- Russian knapweed
- Saltcedar
- Spotted knapweed
- Babysbreath
- Black henbane
- Bull thistle
- Canada Thistle
- Weevil Site
- Chamomile
- Common Tansy
- Common burdock

Inventory2006 is now the Active Layer

Please provide feedback.

Compare weed data over several years. You will now have to zoom to county level to view weeds.

Print

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP

- ZOOM IN
- ZOOM OUT
- ZOOM FULL
- PAN
- IDENTIFY
- CLEAR SELECT
- EXPANDED MENU
- ZOOM TO...

Inventory2005 is now the Active Layer

[Please provide feedback.](#)

LAYERS LEGEND WEEDS

- end
- Cities
- State and Federal Roads
- Freeway
- Federal Road
- Counties
- Inventory2005
- Absinth wormwood
- Canada thistle
- Dalmatian toadflax
- Field bindweed
- Leafy spurge
- Purple loosestrife
- Saltcedar
- Spotted knapweed
- Babysbreath
- Black henbane
- Bull thistle
- Canada Thistle
- Weevil Site
- Common Tansy
- Common burdock
- Curly Dock
- Hoary cress
- Houndstongue
- Leafy Spurge Flea Beetle Site
- Milkweed
- Showy milkweed
- Yellow toadflax
- Inventory2006
- Absinth wormwood
- Canada thistle
- Dalmatian toadflax
- Field bindweed
- Leafy spurge
- Musk thistle
- Purple loosestrife
- Russian knapweed
- Saltcedar
- Spotted knapweed

Click on the print button

Add map title

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
CLEAR SELECT
EXPANDED MENU
ZOOM TO...

LAYERS LEGEND WEEDS

Legend

- Towns and Cities
- Historical/Unincorporated
- Existing County and City Roads
- Graded/Gravel
- Paved
- Trail/Unimproved
- Other
- State and Federal Roads
- Business Loop
- Freeway
- State Road
- Federal Road
- Lakes, Ponds, Rivers
- Counties
- Inventory 2005
- Absinth wormwood
- Canada thistle
- Dalmatian toadflax
- Field bindweed
- Leafy spurge
- Purple loosestrife
- Saltcedar
- Spotted knapweed
- Babysbreath
- Black henbane
- Bull thistle
- Canada Thistle
- Weevil Site
- Common Tansy
- Common burdock
- Curly Dock
- Hoary cress
- Houndstongue
- Leafy Spurge Flea
- Beetle Site
- Milkweed

All fields must have data in them, please check what you've entered and try again.

Map Title:

Orientation: Landscape Portrait Print Legend

Paper Size: 8.5x11 11x17

[Please provide feedback.](#)

Orientation and Paper Size

Then click **Create Print Page**

Print page

North Dakota nd.gov Official Portal for North Dakota State Government

North Dakota Department of Agriculture

North Dakota Hub Explorer Weed Mapper

OVERVIEW MAP
ZOOM IN
ZOOM OUT
ZOOM FULL
PAN
IDENTIFY
CLEAR SELECT
EXPANDED MENU
ZOOM TO...

Map Output - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address about:blank

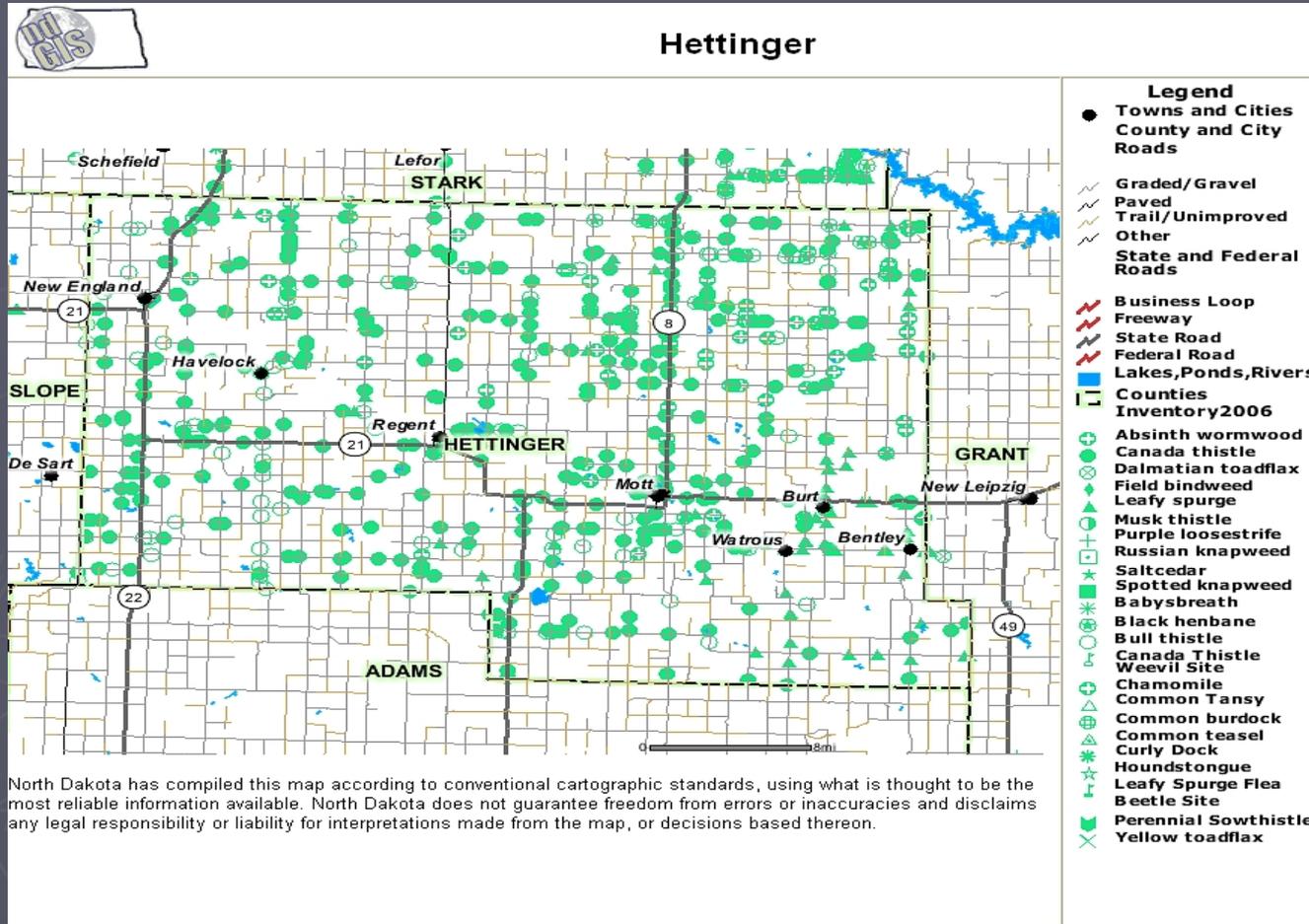
Hettinger

Legend

- Towns and Cities
 - Historical/Unincorporated
 - Existing
 - County and City Roads
- Graded/Gravel
- Paved
- Trail/Unimproved
- Other
- State and Federal Roads
- Business Loop
- Freeway
- State Road
- Federal Road
- Counties
- Inventory2006
 - Absinth wormwood
 - Canada thistle
 - Dalmatian toadflax
 - Field bindweed
 - Leafy spurge
 - Purple loosestrife
 - Saltcedar
 - Spotted knapweed
 - Babysbreath
 - Black henbane
 - Houndstongue
 - Leafy Source Flea

Expand print page

Print



If there are too many items in the Legend it will not fit on one print page.

Print

The screenshot shows a Microsoft Internet Explorer browser window titled "Map Output". The address bar contains "Google" and "Settings". The main content area displays a map of Hettinger, North Dakota, with a legend on the right. The legend includes categories such as "Towns and Cities", "County and City Roads", "State and Federal Roads", and various plant species. The map shows Hettinger in the center, surrounded by Stark, Morton, Grant, Adams, Slope, and Bowman counties. A scale bar at the bottom of the map indicates 0 to 9 miles. A red arrow points to the "Print Preview..." option in the File menu.

File Edit View Favorites Tools Help

New Ctrl+N
Open... Ctrl+O
Edit
Save Ctrl+S
Save As...
Page Setup...
Print... Ctrl+P
Print Preview...
Send
Import and Export...
Properties
Work Offline
Close

Hettinger

STARK MORTON GRANT SLOPE BOWMAN ADAMS

New England Regent Mott New Leipzig

21 22 49

0 9mi

Legend

- Towns and Cities
- Historical/Unincorporated
- Existing
- County and City Roads
- Graded/Gravel
- Paved
- Trail/Unimproved
- Other
- State and Federal Roads
- Business Loop
- Freeway
- State Road
- Federal Road
- Lakes,Ponds,Rivers
- Counties
- Inventory2006
- Absinth wormwood
- Canada thistle
- Dalmatian toadflax
- Field bindweed
- Leafy spurge
- Musk thistle
- Purple loosestrife
- Russian knapweed
- Saltcedar
- Spotted knapweed
- Babysbreath
- Black henbane
- Bull thistle
- Canada Thistle
- Weevil Site
- Chamomile
- Common Tansy
- Common burdock
- Common teasel
- Curly Dock
- Houndstongue
- Leafy Spurge Flea
- Beetle Site
- Perennial Sowthistle
- Yellow toadflax

North Dakota has compiled this map according to conventional cartographic standards, using what is thought to be the most reliable information available. North Dakota does not guarantee freedom from errors or inaccuracies and disclaims any legal responsibility or liability for interpretations made from the map, or decisions based thereon.

Print Preview...

Open file and click Print Preview

Print

Print Preview

Page 1 of 1 75% Help Close

Hettinger

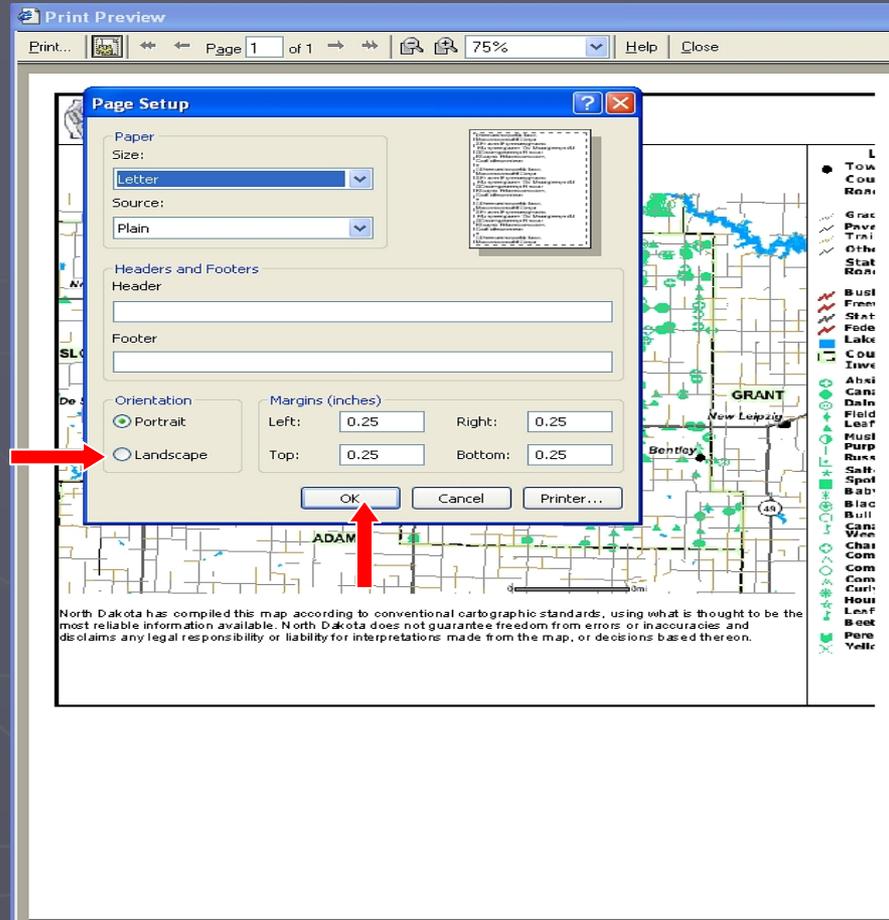
North Dakota has compiled this map according to conventional cartographic standards, using what is thought to be the most reliable information available. North Dakota does not guarantee freedom from errors or inaccuracies and disclaims any legal responsibility or liability for interpretations made from the map, or decisions based thereon.

Legend:

- Town
- County
- Grant
- Private
- Taxi
- Other
- State
- Road
- Built
- Free
- State
- Fade
- Lake
- County
- Inve
- Abse
- Can
- Daln
- Field
- Leat
- Musi
- Purp
- Rice
- Salt
- Spot
- Sab
- Blac
- Bull
- Can
- Wec
- Chai
- Com
- Com
- Can
- Cur
- Hou
- Leaf
- Beet
- Pere
- Yell

Click Page Setup (Alt + U)

Print



Click Landscape then Ok

Print

Print Preview

Print... Page 1 of 1 75% Help Close

Hettinger

Legend

- Towns and Cities
- County and City Roads
- Graded/Gravel
- Paved
- Trail/Unimproved
- Other
- State and Federal Roads
- Business Loop
- Freeway
- State Road
- Federal Road
- Lakes, Ponds, Rivers
- Counties
- Inventory 2006
- Absinth wormwood
- Canada thistle
- Dalmatian toadflax
- Field bindweed
- Leafy spurge
- Musk thistle
- Purple loosestrife
- Russian knapweed
- Salt cedar
- Spotted knapweed
- Babysbreath
- Black henbane
- Bull thistle
- Canada Thistle
- Weevil Site
- Chamomile
- Common Tansy
- Common burdock
- Common Teasel
- Curly Dock
- Houndstongue
- Leafy Spurge Flea
- Beetle Site
- Perennial sowthistle
- Yellow toadflax

North Dakota has compiled this map according to conventional cartographic standards, using what is thought to be the most reliable information available. North Dakota does not guarantee freedom from errors or inaccuracies and disclaims any legal responsibility or liability for interpretations made from the map, or decisions based thereon.

Now you are ready to print your map.

Update AllTopo information at [WWW.alltopogps.com](http://www.alltopogps.com)

AllTopo GPS Tool Upload - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail New Tab

Address <http://www.alltopogps.com/> Go Google

iGage Mapping Corporation
Igage Mapping Corporation
GPS Upload / Update Center
1545 S 1100 East STE 1
Salt Lake City UT 84105
+1 801 412-0011
[[iGage](#)]

 [Montana AG Plastics Datalogger / \(Red's Fixit LLC\)](#)
Vince and Kathy Thomas: +1 406 351-1124

Noxious Weed Data Accumulators

 [[Click here to Update North Dakota Datalogger](#)]
Jim Hansen, GIS Specialist
North Dakota Department of Agriculture
600 E Boulevard Ave, Dept. 602
Bismarck ND, 58505-0020 (701)-328-2330
Link to more information on ND Noxious Weeds [[info](#)]
Link to Hub Explorer [[mapping](#)]

 [[Click here to Update Andarko Datalogger Tool](#)]
Bringing Excellence to the Surface

Back Country Sprayers [[Click here to Update Back Country Sprayers Tool](#)]

All Other Datalogger Users
AllTopo / Data Logger Update [[Click here for all other users of the Datalogger](#)]

[[All Topo Support Links](#)] [[All Topo GPS Data Accumulator Administrator](#)] [[Vince Special](#)]
This website assists users of the Montana AG Plastics (Red's Fixit LLC) data logger system.

Click on North Dakota Ag Update

North Dakota Ag GPS Upload - microsoft internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address <http://www.alltopgps.com/ndagupdate.html>

iGage
Mapping Corporation

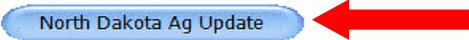
Igage Mapping Corporation
GPS Upload / Update Center

Igage Mapping Corporation
1545 S 1100 East STE 1
Salt Lake City UT 84105
+1 801 412-0011
[[iGage](#)]

Software Update for North Dakota Noxious Weed Association

This update is intended for users of the North Dakota

Instructions:

1. Exit the AllTopo mapping application and the AllTopo GPS application.
2. Click on this button:

and follow the onscreen instructions.

(Current Build: 7543; Jan 9, 2008 8:51pm MST)

[[BACK](#)]

Click Run

North Dakota Ag GPS Upload - Microsoft Internet Explorer

Address: <http://www.alltopogps.com/ndaupdate.html>

iGage Mapping Corporation
Igage Mapping Corporation
GPS Upload / Update Center

Igage Mapping Corporation
1545 S 1100 East STE 1
Salt Lake City UT 84105
+1 801 412-0011
[\[IGage\]](#)

Software Update for North Dakota Noxious Weed Association

This update is intended for users of the North Dakota

Instructions:

1. Exit the AllTopo mapping application and the A
2. Click on this button:
[North Dakota Ag Update](#)
and follow the onscreen instructions.

(Current Build: 7543; Jan 9, 2008 8:51pm MST)

[\[BACK \]](#)

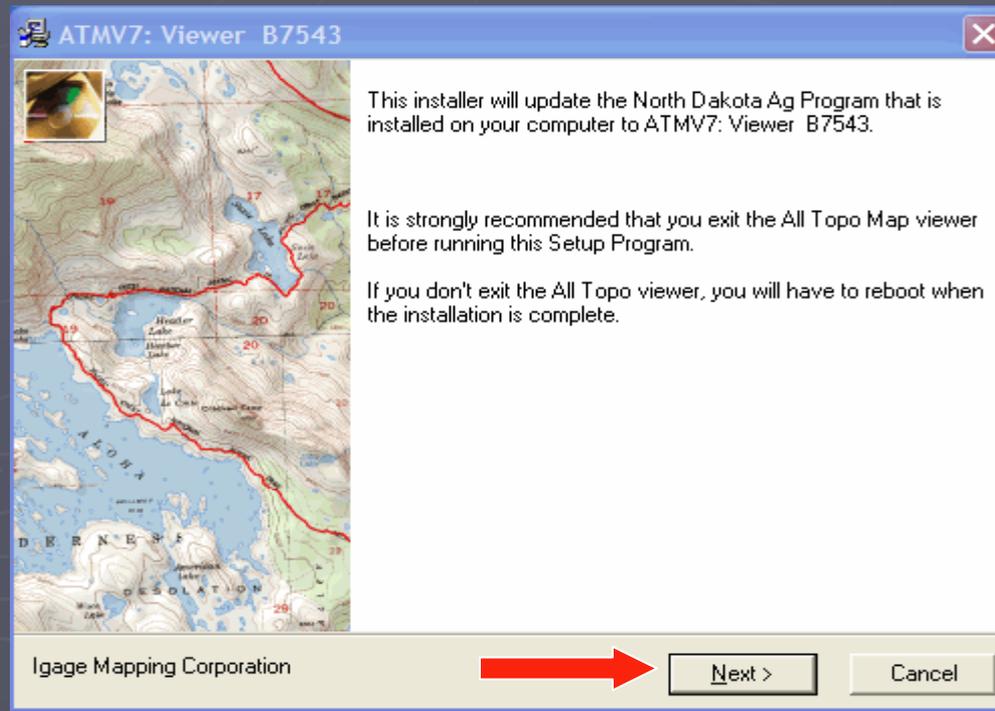
File Download - Security Warning

Do you want to run or save this file?

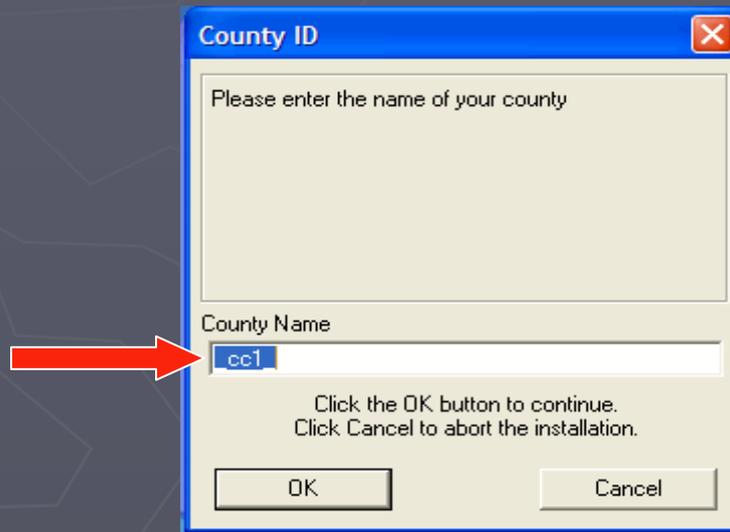
Name: ndaupdate_b7543.exe
Type: Application, 3.60 MB
From: www.alltopogps.com

While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. [What's the risk?](#)

Click next, remember Alltopo needs to be closed.



Enter your county name here.



A screenshot of a Windows-style dialog box titled "County ID". The dialog box has a blue title bar with a close button (X) in the top right corner. The main area is light yellow and contains the text "Please enter the name of your county" above a large empty text box. Below this, the label "County Name" is positioned above a smaller text input field containing the text "cc1". A red arrow points from the left towards this input field. At the bottom of the dialog box, there are two buttons: "OK" and "Cancel". Above the buttons, the text "Click the OK button to continue. Click Cancel to abort the installation." is displayed.

You will only have to enter name once. The program will remember your login until you update Alltopo again



County ID

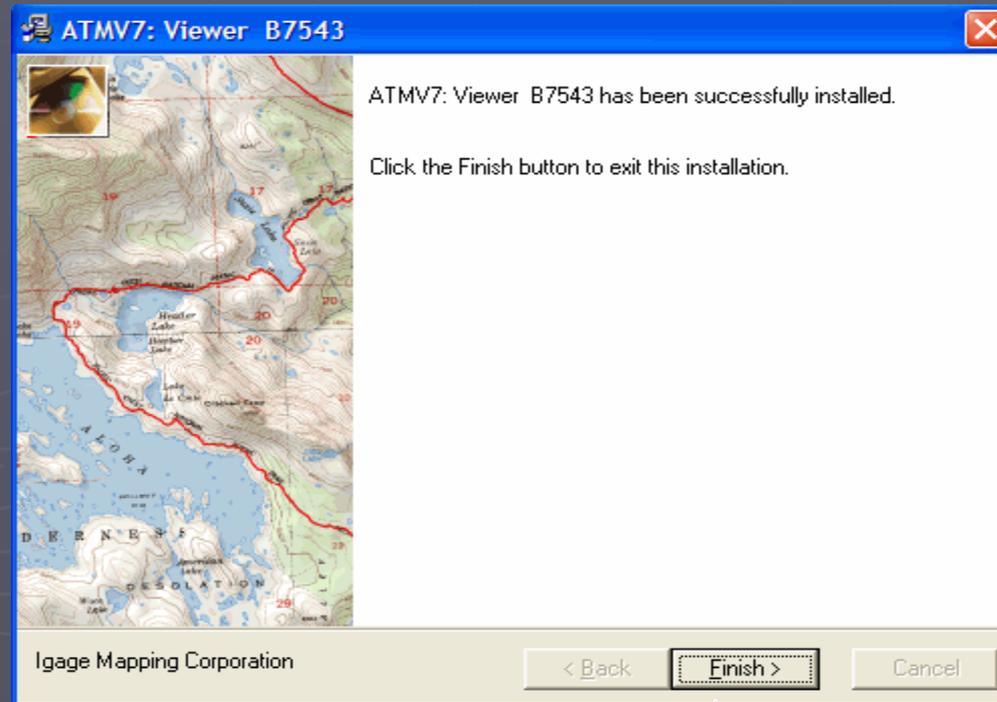
Please enter the name of your county

County Name
NDDA

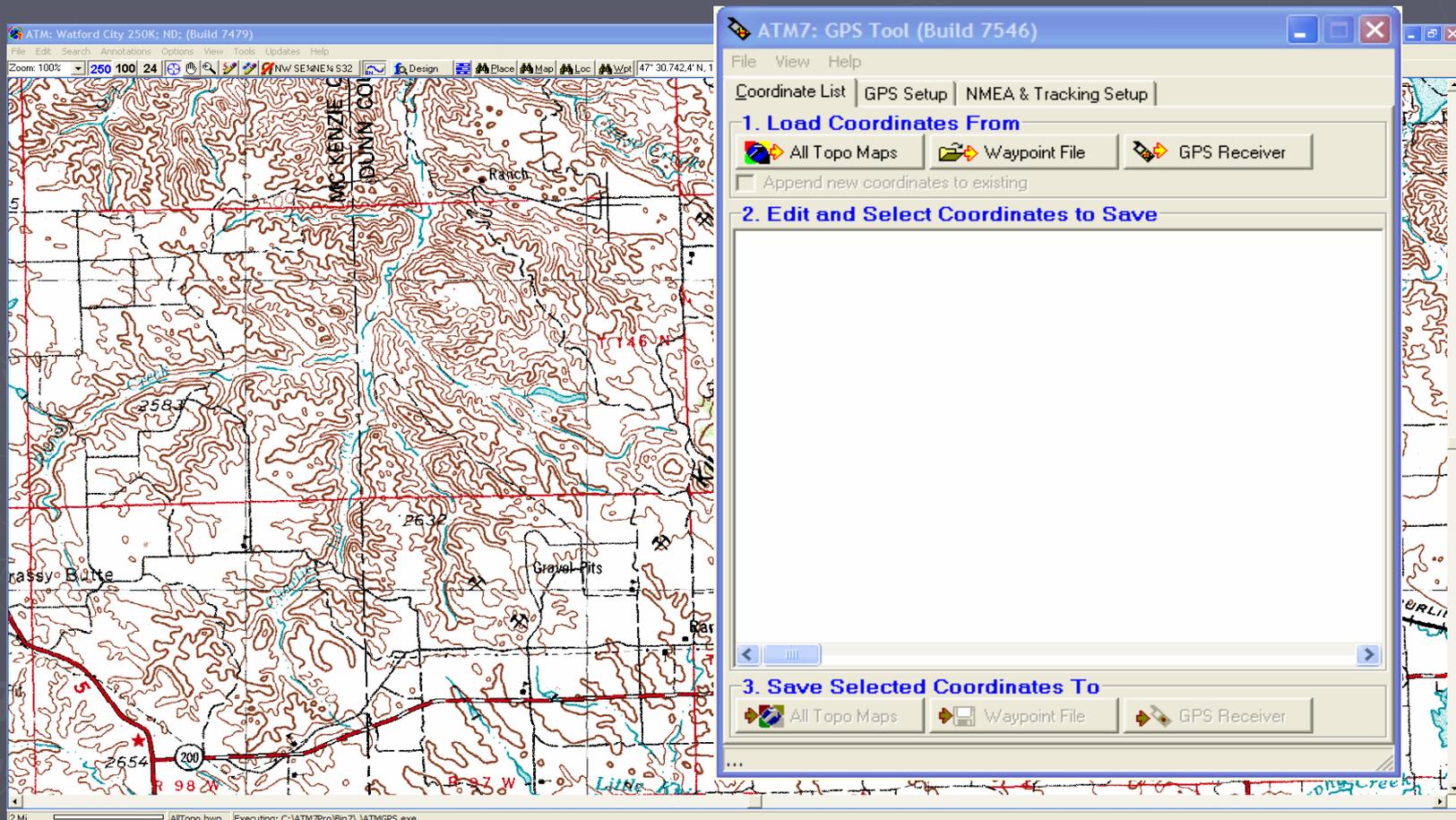
Click the OK button to continue.
Click Cancel to abort the installation.

OK Cancel

Click finish and you have updated your Alltopo software

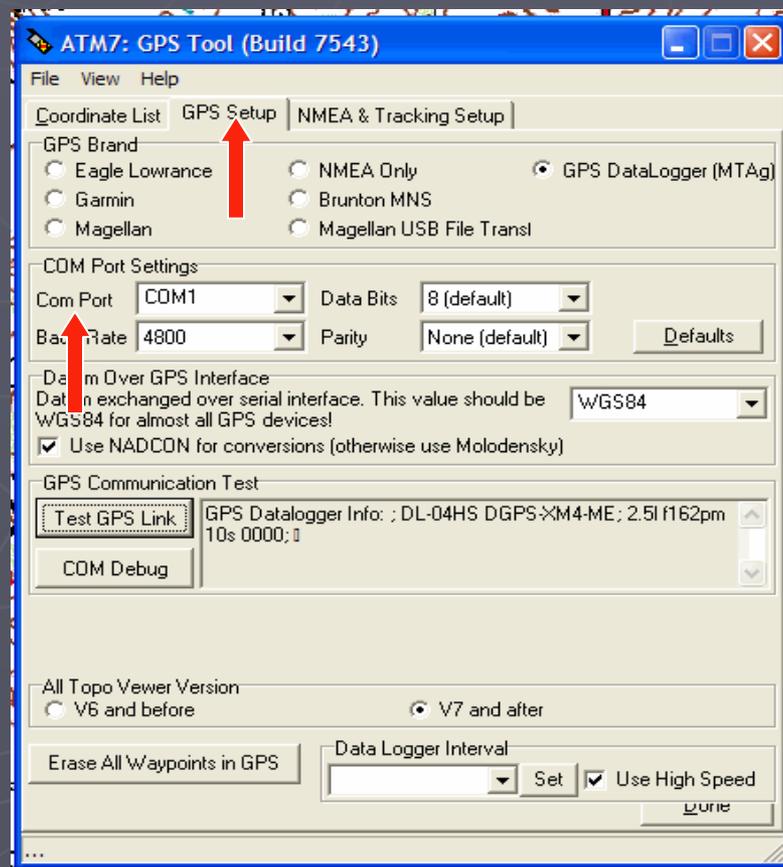


Downloading Datalogger points. Open Alltopo then on the toolbar at the top click on "tools" then on "GPS tool".

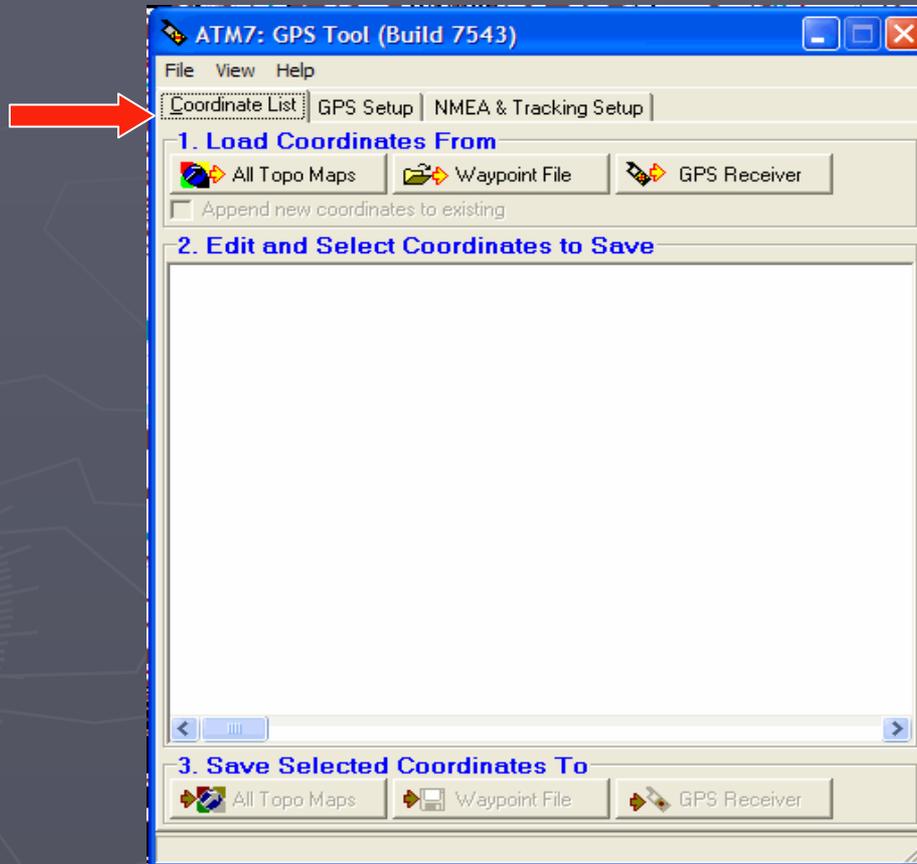


“GPS setup” tab and test “GPS link”.

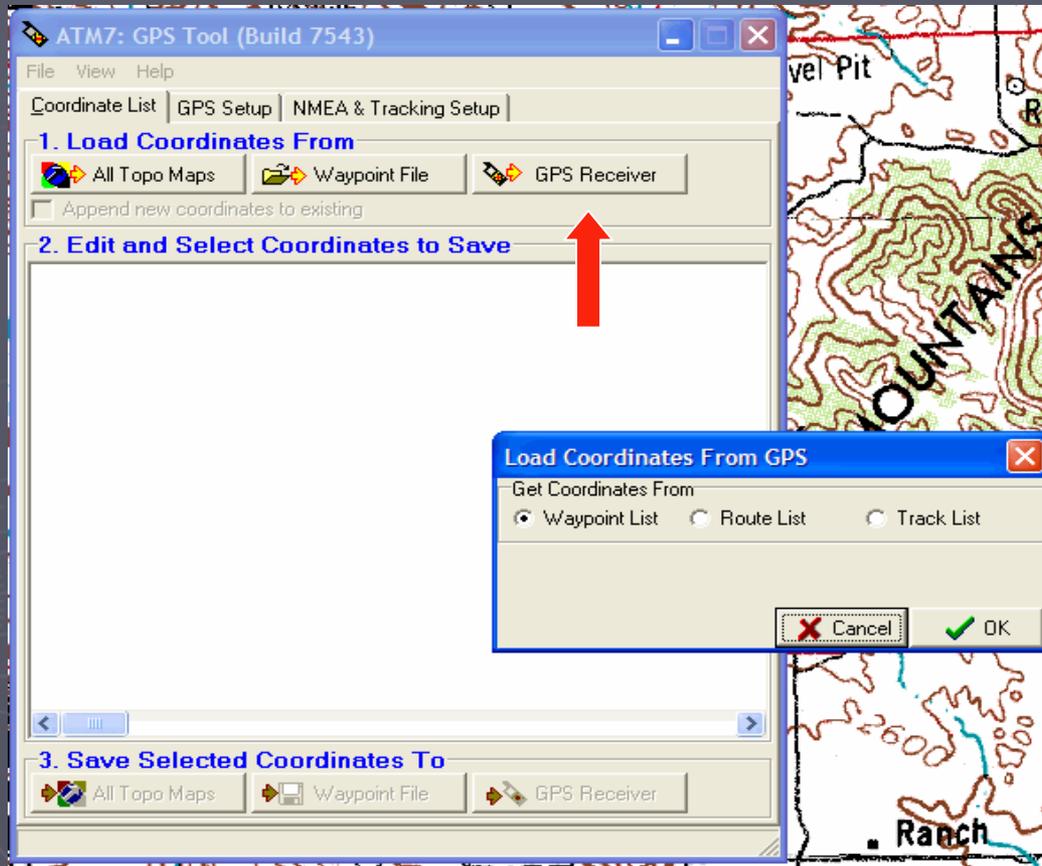
You may have to change your Com Port



Then choose the “Coordinate list” tab



Click "GPS Receiver" and then click "OK"



Enter information if needed.
Submitter name should be your
county name, then click "OK"

Button Attributes

Advanced

Valid Button Attributes

Find Find Load Values Load Config Save Config

Color	ID	Load from Grid
BTN 1 Blue	BTN1	
BTN 2 Gray	BTN2	
BTN 3 Green	BTN3	
BTN 4 Orange	BTN4	
BTN 5 Red	BTN5	

Applicator and Location Information

Applicator Default Canopy Cover

County State Infested Area

Comments

Submitter

OK

“Transfer Now” will transfer to the Agriculture Department and to your laptop

The image shows two overlapping software windows. The left window, titled "FTP Results", displays the following information:

- File to Transfer: C:\ATM7Pro\GPS_DB\NDDA_20080125_082345.zip
- FTP Server: www.alltopogps.com
- FTP User Name: atmgpsnd
- FTP Password: #####
- Buttons: Abort, Transfer Now (checked), Cancel

The right window, titled "ATM7: GPS Tool (Build 7543)", shows a coordinate list with the following columns: Latitude, Longitude, Datum, Zone, and Elevation. A red arrow points from the "Transfer Now" button in the left window to the coordinate list in the right window.

Latitude	Longitude	Datum	Zone	Elevation
46.91186667	-98.73123333	WGS84	T00116; B3	GPSID=0000 L
46.91186667	-98.73125000	WGS84	T00117; B3	GPSID=0000 L
46.91188333	-98.73128333	WGS84	T00118; B3	GPSID=0000 L
46.91190000	-98.73131667	WGS84	T00119; B3	GPSID=0000 L
46.91191667	-98.73131667	WGS84	T00120; B3	GPSID=0000 L
46.91193333	-98.73133333	WGS84	T00121; B3	GPSID=0000 L
46.91195000	-98.73135000	WGS84	T00122; B3	GPSID=0000 L
46.91196667	-98.73135000	WGS84	T00123; B3	GPSID=0000 L
46.91198333	-98.73136667	WGS84	T00124; B3	GPSID=0000 L
46.91198333	-98.73138333	WGS84	T00125; B3	GPSID=0000 L
46.91198333	-98.73138333	WGS84	T00126; B3	GPSID=0000 L
46.91201667	-98.73141667	WGS84	T00128; B5	GPSID=0000 L
46.91203333	-98.73145000	WGS84	T00129; B5	GPSID=0000 L
46.91203333	-98.73146667	WGS84	T00130; B5	GPSID=0000 L
46.91203333	-98.73150000	WGS84	T00131; B5	GPSID=0000 L
46.91203333	-98.73153333	WGS84	T00132; B5	GPSID=0000 L
46.91201667	-98.73155000	WGS84	T00133; B5	GPSID=0000 L
46.91201667	-98.73155000	WGS84	T00134; B5	GPSID=0000 L
46.91201667	-98.73155000	WGS84	T00135; B5	GPSID=0000 L
46.91201667	-98.73155000	WGS84	T00136; B5	GPSID=0000 L

Your file has been transferred

The image displays two overlapping software windows. The top-left window, titled "FTP Results", shows the details of a file transfer. The file "C:\ATM7Pro\GPS_DB\NDDA_20080125_082345.zip" (8,161 bytes) was successfully transferred from the server "www.alltopogps.com" using the user "atmgpsnd". The status is "Success".

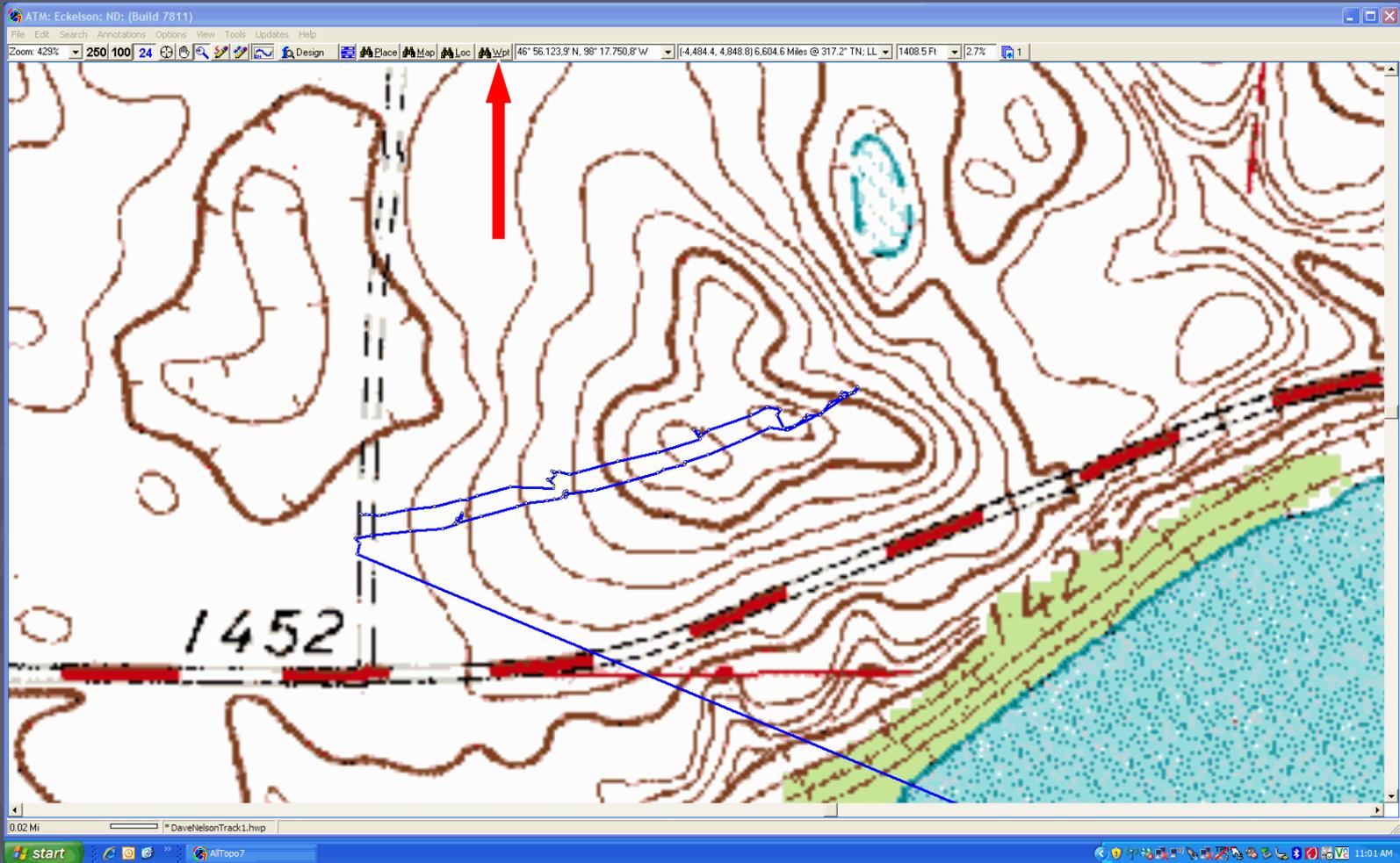
The top-right window, titled "ATM7: GPS Tool (Build 7543)", is in the "Coordinate List" tab. It shows a list of 20 coordinates with their corresponding WGS84 coordinates, T00116-T00136, B3-B5, and GPSID=0000. The list is scrollable, and a red arrow points to the "Information" dialog box that appears over the bottom right of the window.

The "Information" dialog box contains the message "FTP File Transfer: Success" and an "OK" button.

Below the coordinate list, the "Save Selected Coordinates To" section offers options: "All Topo Maps", "Waypoint File", and "GPS Receiver".

The background of the software windows shows a topographic map with contour lines and labels like "Level Pit" and "assy° Butte".

To calculate acreage for a line



Select WPT box with the binoculars

Search Annotation List: C:\ATM7Pro\USER\DaveNelsonTrack1.hwp

Num	Inc	Line	Name	Description	Note	Location	Layer
287	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30	TK287			46° 56' 231.8" N, 98° 18' 053.7" W	All
288	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30	TK288			46° 56' 231.8" N, 98° 18' 053.7" W	All
289	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30	TK289			46° 56' 233.2" N, 98° 18' 048.8" W	All
290	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30	TK290			46° 56' 236.5" N, 98° 18' 030.9" W	All
291	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30	TK291			46° 56' 235.7" N, 98° 18' 007.5" W	All
292	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30	TK292			46° 56' 236.9" N, 98° 18' 006.9" W	All
293	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30	TK293			46° 56' 239.2" N, 98° 18' 010.6" W	All
294	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30	TK294			46° 56' 238.7" N, 98° 18' 010.8" W	All
295	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31	TK295			46° 56' 239.2" N, 98° 18' 009.4" W	All
296	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31	TK296			46° 56' 240.5" N, 98° 18' 006.6" W	All
297	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31	TK297			46° 56' 242.1" N, 98° 18' 008.4" W	All
298	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31	TK298			46° 56' 241.8" N, 98° 18' 006.8" W	All
299	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31	TK299			46° 56' 241.9" N, 98° 18' 004.3" W	All
300	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31	TK300			46° 56' 240.7" N, 98° 17' 998.7" W	All
301	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31	TK301			46° 56' 241.8" N, 98° 17' 994.2" W	All
302	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31	TK302			46° 56' 245.7" N, 98° 17' 972.8" W	All
303	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31	TK303			46° 56' 248.9" N, 98° 17' 951.2" W	All
304	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31	TK304			46° 56' 253.5" N, 98° 17' 928.3" W	All
305	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 32	TK305			46° 56' 256.9" N, 98° 17' 932.1" W	All
306	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 32	TK306			46° 56' 256.4" N, 98° 17' 929.8" W	All
307	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 32	TK307			46° 56' 255.9" N, 98° 17' 929.1" W	All
308	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 32	TK308			46° 56' 254.9" N, 98° 17' 928.5" W	All

Annotation found on Eckelson; ND- disk 8

Choose the line segment you wish to calculate acreage.
 Notice the line segment on Alltopo is now highlighted yellow.

ATM: Eckelson, ND: (Build 7811)

Search Annotation List: C:\ATM7Pro\USER\DaveNelsonTrack1.hwp

Num	Inc	Line	Name	Description	Note	Location	Layer
287	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30:	TK287			46° 56' 231.8" N, 98° 18' 053.7" W	All
288	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30:	TK288			46° 56' 231.8" N, 98° 18' 053.7" W	All
289	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30:	TK289			46° 56' 233.2" N, 98° 18' 048.8" W	All
290	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30:	TK290			46° 56' 236.5" N, 98° 18' 030.9" W	All
291	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30:	TK291			46° 56' 235.7" N, 98° 18' 007.5" W	All
292	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30:	TK292			46° 56' 236.9" N, 98° 18' 006.9" W	All
293	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30:	TK293			46° 56' 239.2" N, 98° 18' 010.6" W	All
294	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 30:	TK294			46° 56' 239.7" N, 98° 18' 010.9" W	All
295	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31:	TK295			46° 56' 239.2" N, 98° 18' 009.4" W	All
296	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31:	TK296			46° 56' 240.5" N, 98° 18' 006.6" W	All
297	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31:	TK297			46° 56' 242.1" N, 98° 18' 008.4" W	All
298	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31:	TK298			46° 56' 241.8" N, 98° 18' 006.8" W	All
299	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31:	TK299			46° 56' 241.9" N, 98° 18' 004.3" W	All
300	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31:	TK300			46° 56' 240.7" N, 98° 17' 998.7" W	All
301	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31:	TK301			46° 56' 241.8" N, 98° 17' 994.2" W	All
302	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31:	TK302			46° 56' 245.7" N, 98° 17' 972.8" W	All
303	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31:	TK303			46° 56' 248.9" N, 98° 17' 951.2" W	All
304	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 31:	TK304			46° 56' 253.5" N, 98° 17' 928.3" W	All
305	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 32:	TK305			46° 56' 256.9" N, 98° 17' 932.1" W	All
306	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 32:	TK306			46° 56' 256.4" N, 98° 17' 929.8" W	All
307	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 32:	TK307			46° 56' 255.9" N, 98° 17' 929.1" W	All
308	0	[C:\ATM7Pro\USER\DaveNelsonTrack1.hwp] 32:	TK308			46° 56' 254.9" N, 98° 17' 928.5" W	All

Area Along Line

Based upon 8 consecutive points along the selected lines:

Distance Along Lines: 97.971 Feet (1 Ft = 0.3048 Meter)

Line (spray) Width: 24.0 Feet (1 Ft = 0.3048 Meter)

Covered Area: 0.054 Acres

OK

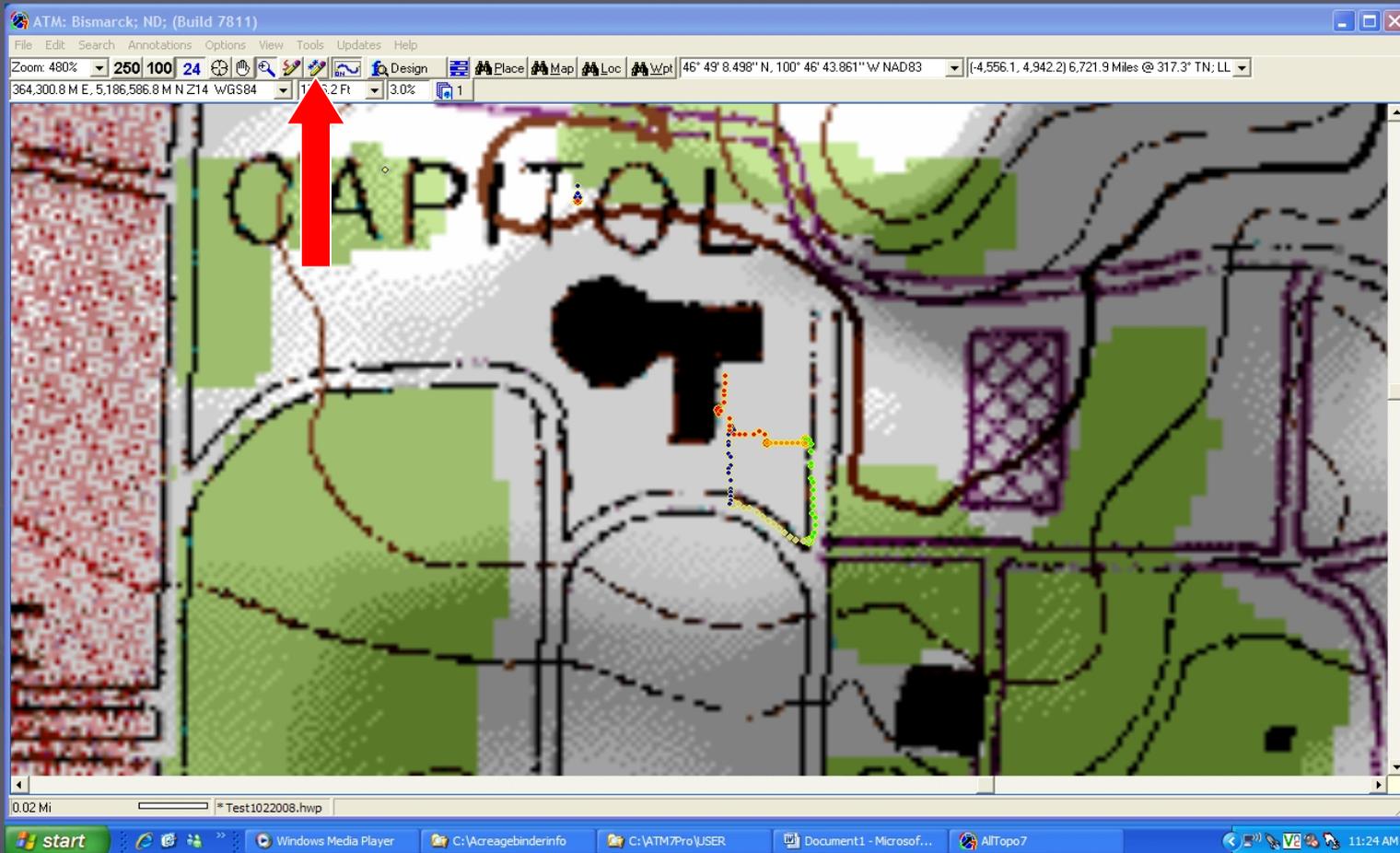
Done Move Up Move Down Edit Center Cut Copy Paste Show Selection

9 annotations copied to clipboard.

0.02 Mi * DaveNelsonTrack1.hwp

start AllTopo7 11:12 AM

Click on OPTIONS and then choose COMPUTE AREA ALONG SELECTED LINE. Fill in the fields and it will calculate acreage for you.



- ▶ Open your map in Alltopo and choose area or waypoints you would like to calculate acreage for
- ▶ Then click the “point to point” tool on the toolbar which is the second pencil icon

- ▶ Place cursor on starting point on map
- ▶ Left click mouse to start line segment, then keep clicking points around the area for acreage calculation
- ▶ When you are at the finishing point, right click and choose "close current line"
- ▶ If you don't see an acreage calculation go to ""Annotations" and choose "Annotations Control" then Layer, Grid Controller..." Check the DESC box and the acreage will display

Apply for a Tag Grant if
you do not already have
a datalogger and
Laptop!

Dataloggers

- ▶ Price as of September 1st is \$2750.00 for the initial setup package which includes Multievent Datalogger, GPS 60, All Topo and Map 2006 software and vehicle installation kit.
- ▶ ATV Kit is \$265.00
- ▶ Truck Kit is \$400.00
- ▶ Additional datalogger with GPS is \$2400.00
- ▶ All prices are for North Dakota Department of Agriculture data sharing participants only!

New Laptop Pricing as of January 2008



NDACo Resources Group
 1661 Capitol Way - Bismarck, ND 58501
 Phone: 701-250-9400 - Fax: 701-328-7313 - Email:

QUOTE

Date	Quote #
01/05/08	AAAQ1563

Sold To: ND Dept of Ag
 Jim Hansen
 Bismarck, ND 58501

Phone: 701-328-2330
Fax:

Ship To:

Phone:
Fax:

Terms	Rep	P.O. Number	Ship Via
	MABEL		

Ln #	Qty	Description	Unit Price	Ext. Price
1	1	HP Compaq 8710P Notebook Windows XP Pro Intel Core 2 Duo Processor 1.8GHZ 1GB Memory 160 GB hard Drive DVD +/- RW Drive Intel Wireless	\$1,495.00	\$1,495.00
2	1	9x5 Pickup and Return Service for Notebook with accidental Damage Protection 3 years	\$157.00	\$157.00
3	1	HP Universal Nylon Case	\$39.00	\$39.00
4	1	Office 2007 Professional License	\$296.40	\$296.40
			SubTotal	\$1,987.40
			Sales Tax	\$0.00
			Shipping	\$0.00
			Total	\$1,987.40

for questions or comments on Weed
Mapper or datalogger issues

Contact: jimhansen@nd.gov

701-328-2330

600 E. Boulevard Ave., Dept. 602
Bismarck, ND 58505-0020