Deepwater Horizon (MC 252)

USFWS/ERDC NRDA Bird Database

Data Entry Instructions: Transferring Data from GPS Units to the ERDC Database

Data Download from GPS Unit to Personal Computer

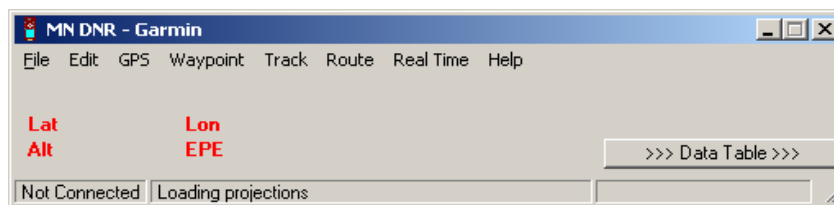### First Time Setup

You only have to perform the steps below if the "MN DNR Garmin" program has not been installed on your computer.
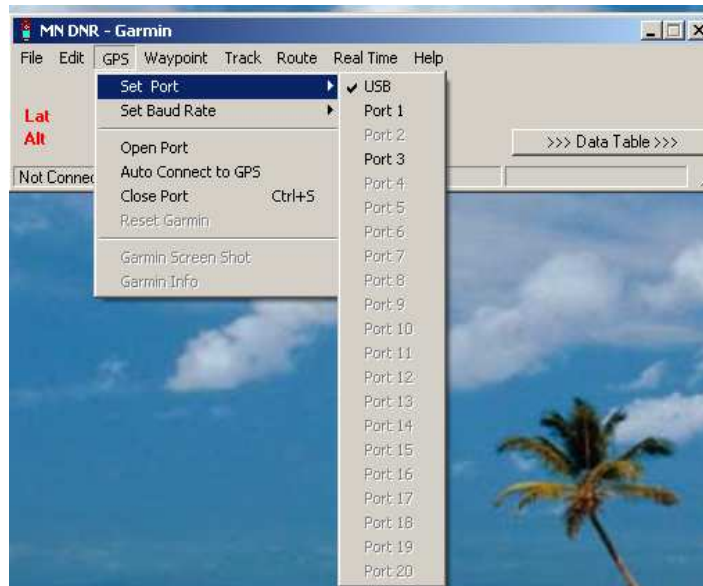
1. To download GPS files to your computer, use the program "MN DNR Garmin 5.4.1". Install this from:

    http://www.dnr.state.mn.us/mis/gis/tools/arcview/extensions/DNRGarmin/DNRGarmin.html

2. Set the GPS port to USB by doing the following:

    a. Turn on your Garmin GPS unit and plug in the USB to the unit and to the computer.

    b. Open DNR Garmin on your computer.

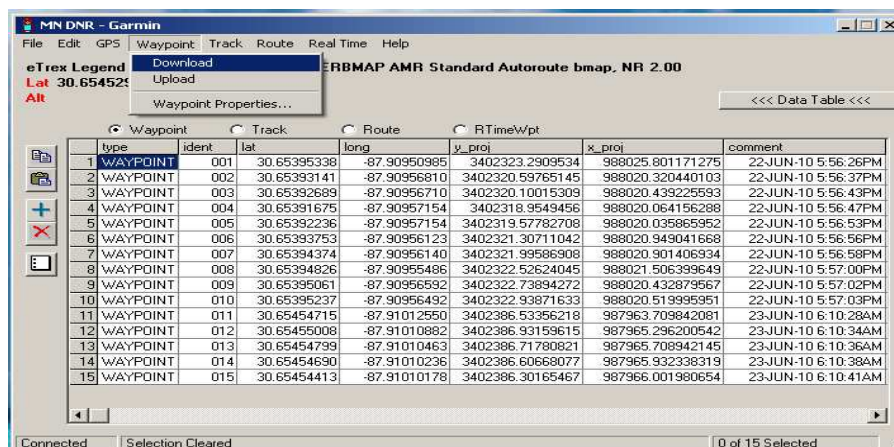   a. Go to GPS > Set Port and select USB.

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Download Your GPS Waypoints (for one segment and date)
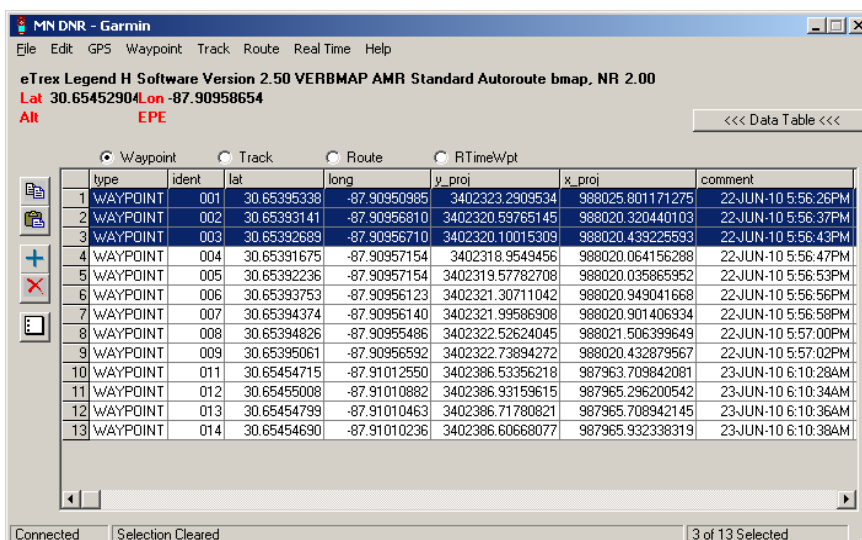
a. Turn on your Garmin GPS unit and connect the USB cable between the unit and your computer.

b. Open DNR Garmin on your computer.

c. Go to Waypoint > Download

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MN DNR - Garmin

File Edit GPS Waypoint Track Route Real Time Help

eTrex Legend   Download   ERBMAP AMR Standard Autoroute bmap, NR 2.00
Lat 30.65452!   Upload
Alt   Waypoint Properties...   <<< Data Table <<<

○ Waypoint   ○ Track   ○ Route   ○ RTimeWpt

	type	ident	lat	long	y_proj	x_proj	comment
1	WAYPOINT	001	30.65395338	-87.90950985	3402323.2909534	988025.801171275	22-JUN-10 5:56:26PM
2	WAYPOINT	002	30.65393141	-87.90956810	3402320.59765145	988020.320440103	22-JUN-10 5:56:37PM
3	WAYPOINT	003	30.65392689	-87.90956710	3402320.10015309	988020.439225593	22-JUN-10 5:56:43PM
4	WAYPOINT	004	30.65391675	-87.90957154	3402318.9549456	988020.064156288	22-JUN-10 5:56:47PM
5	WAYPOINT	005	30.65392236	-87.90957154	3402319.57782708	988020.035865952	22-JUN-10 5:56:53PM
6	WAYPOINT	006	30.65393753	-87.90956123	3402321.30711042	988020.949041668	22-JUN-10 5:56:56PM
7	WAYPOINT	007	30.65394374	-87.90956140	3402321.99586908	988020.901406934	22-JUN-10 5:56:58PM
8	WAYPOINT	008	30.65394826	-87.90955486	3402322.52624045	988021.506399649	22-JUN-10 5:57:00PM
9	WAYPOINT	009	30.65395061	-87.90956592	3402322.73894272	988020.432879567	22-JUN-10 5:57:02PM
10	WAYPOINT	010	30.65395237	-87.90956492	3402322.93871633	988020.519995951	22-JUN-10 5:57:03PM
11	WAYPOINT	011	30.65454715	-87.91012550	3402386.53356218	987963.709842081	23-JUN-10 6:10:28AM
12	WAYPOINT	012	30.65455008	-87.91010882	3402386.93159615	987965.296200542	23-JUN-10 6:10:34AM
13	WAYPOINT	013	30.65454799	-87.91010463	3402386.71780821	987965.708942145	23-JUN-10 6:10:36AM
14	WAYPOINT	014	30.65454690	-87.91010236	3402386.60668077	987965.932338319	23-JUN-10 6:10:38AM
15	WAYPOINT	015	30.65454413	-87.91010178	3402386.30165467	987966.001980654	23-JUN-10 6:10:41AM

Connected   Selection Cleared   0 of 15 Selected

Once your waypoints have downloaded (as shown above) select the set of data records collected from <u>one segment</u> on one day. The record set should include waypoint records for the beginning and end of transects, live bird assessment, and any dead birds collected. To select the segment record set, first select the record number on the far left hand column corresponding to the first waypoint recorded in the segment of interest. This will select the entire row (the entire row must be selected). Then hold the mouse button down and drag the cursor down to the last record number that corresponds with the last waypoint collected for that segment.

MN DNR - Garmin

File Edit GPS Waypoint Track Route Real Time Help

eTrex Legend H Software Version 2.50 VERBMAP AMR Standard Autoroute bmap, NR 2.00
Lat 30.65452904 Lon -87.90958654
Alt   EPE   <<< Data Table <<<

○ Waypoint   ○ Track   ○ Route   ○ RTimeWpt

	type	ident	lat	long	y_proj	x_proj	comment
1	WAYPOINT	001	30.65395338	-87.90950985	3402323.2909534	988025.801171275	22-JUN-10 5:56:26PM
2	WAYPOINT	002	30.65393141	-87.90956810	3402320.59765145	988020.320440103	22-JUN-10 5:56:37PM
3	WAYPOINT	003	30.65392689	-87.90956710	3402320.10015309	988020.439225593	22-JUN-10 5:56:43PM
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5	WAYPOINT	005	30.65392236	-87.90957154	3402319.57782708	988020.035865952	22-JUN-10 5:56:53PM
6	WAYPOINT	006	30.65393753	-87.90956123	3402321.30711042	988020.949041668	22-JUN-10 5:56:56PM
7	WAYPOINT	007	30.65394374	-87.90956140	3402321.99586908	988020.901406934	22-JUN-10 5:56:58PM
8	WAYPOINT	008	30.65394826	-87.90955486	3402322.52624045	988021.506399649	22-JUN-10 5:57:00PM
9	WAYPOINT	009	30.65395061	-87.90956592	3402322.73894272	988020.432879567	22-JUN-10 5:57:02PM
10	WAYPOINT	011	30.65454715	-87.91012550	3402386.53356218	987963.709842081	23-JUN-10 6:10:28AM
11	WAYPOINT	012	30.65455008	-87.91010882	3402386.93159615	987965.296200542	23-JUN-10 6:10:34AM
12	WAYPOINT	013	30.65454799	-87.91010463	3402386.71780821	987965.708942145	23-JUN-10 6:10:36AM
13	WAYPOINT	014	30.65454690	-87.91010236	3402386.60668077	987965.932338319	23-JUN-10 6:10:38AM

Connected   Selection Cleared   3 of 13 Selected

d. Once your waypoints have been selected, go to File > Save To > File… (see the file naming convention below) and save the *.txt file to your computer to be uploaded to the ERDC database.

3

Last updated: 6/28/2010
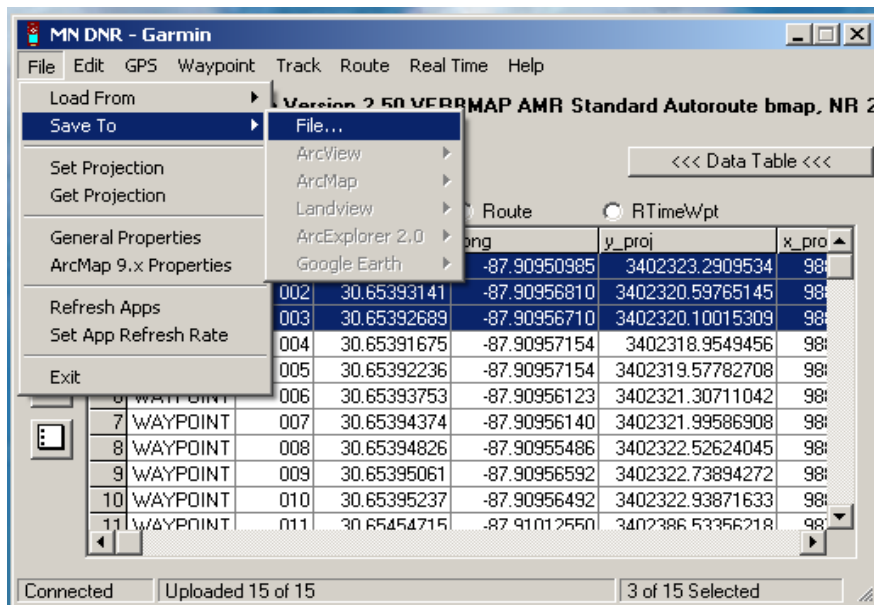
e. Name your GPS files using the following convention:

GPSstateAcpSegment_mmddyyyy_NRDA_FwsTeamMemberLastName

Example: "GPSAL0401_05242010_NRDA_Matz"

Repeat this procedure for each individual segment surveyed in a day.

f. To facilitate organization of GPS data acquired from segments, establish a couple nested electronic folders via Windows folder creation procedure. Name the first folder "GPS_Data" and the second and subsequent folders for date in year-month-day format (e.g., 20100706). Each date-marked subfolder should contain all of the text files containing GPS data collected on a segment in a given day.

Data Transfer from Personal Computer to ERDC Database

1. To access the USFWS/ERDC NRDA Bird Database please connect to:

https://134.164.48.177/msc252i/msc252i.aspx

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Individual settings on FWS computers may result in sub-optimum performance using Internet Explorer, so Mozilla Firefox may be needed. Accept unknown certificates and allow flash viewers to operate. Use the "x" in the corner of each pop-up to close windows; the browser back button will cause ejection from the database.

2. First-time users will be prompted to download Microsoft Silverlight if not already installed. Answer "yes" to all security download questions.

3. First-time users need to register. Hit "Click Here to Register" and enter your information on the resulting screen. You will create your own username.
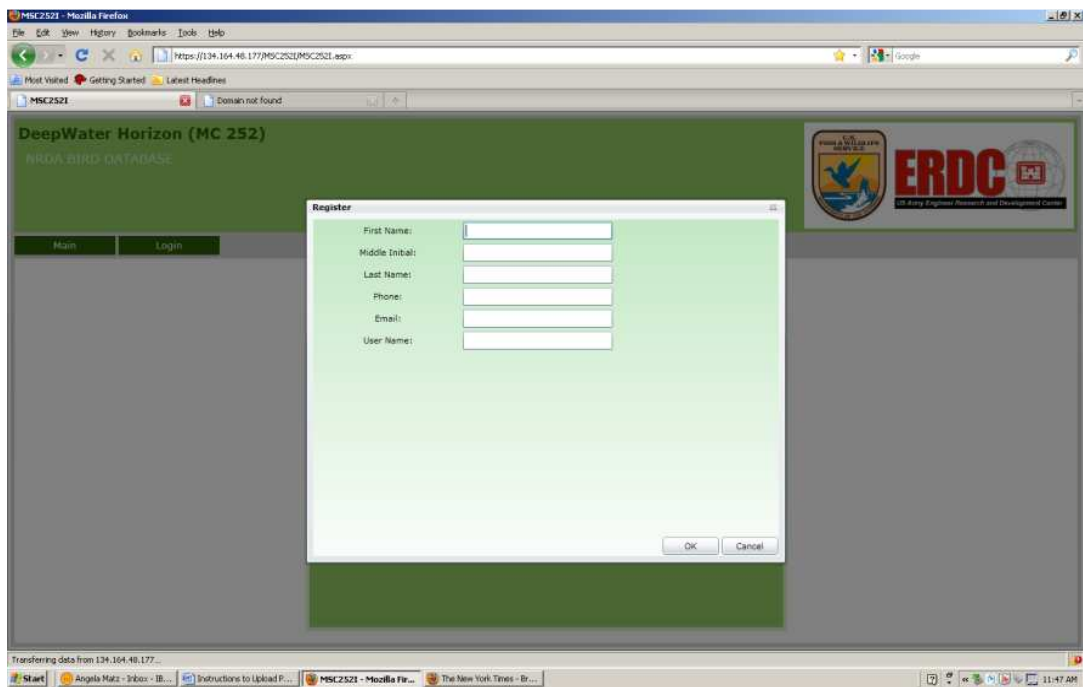
4.

A password will be generated and emailed to you.

5. Login using your user name and password.
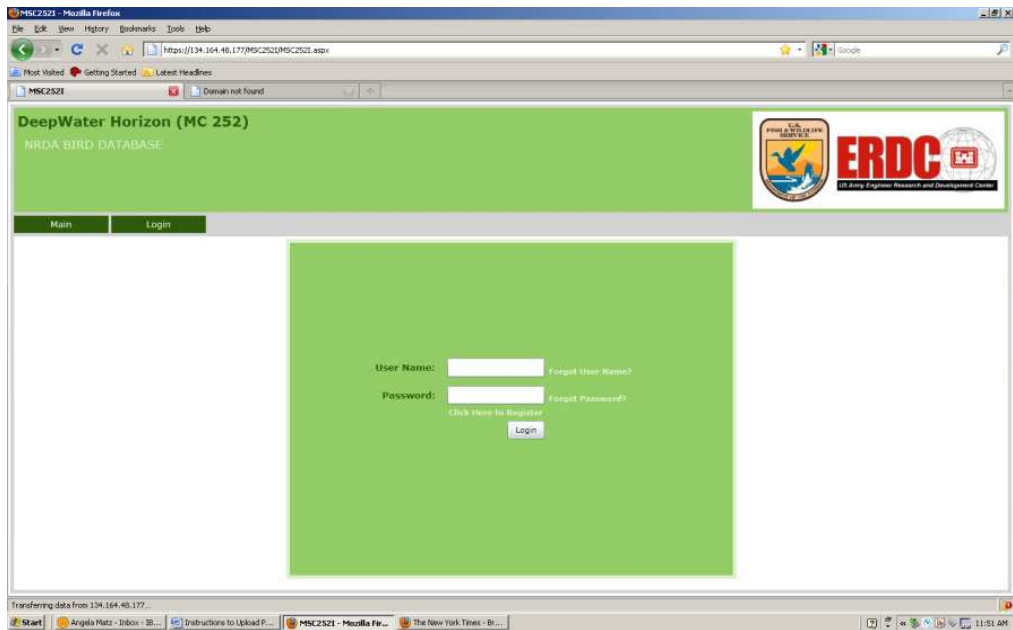
6. Click the Upload GPS tab. A series of selections will appear. Click on either "NRDA" if the survey was done by a NRDA team, or "Ops" if it was done by a Wildlife Response – Operations Team.
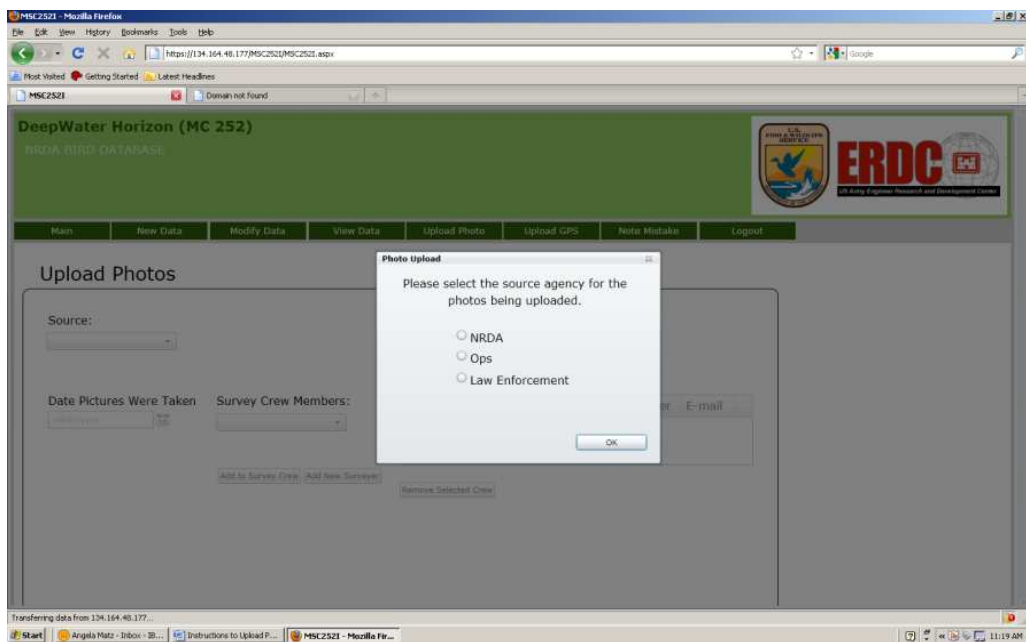

7. Enter the Date of the survey for the GPS coordinates.

Last updated: 6/28/2010

8. On the next screen, click on "Survey Crew Members," select yourself, then click on "Add to Survey Crew." If you aren't on the list, click on "Add New Surveyor" and add yourself to the Survey Crew Members list, followed by "Add to Survey Crew."
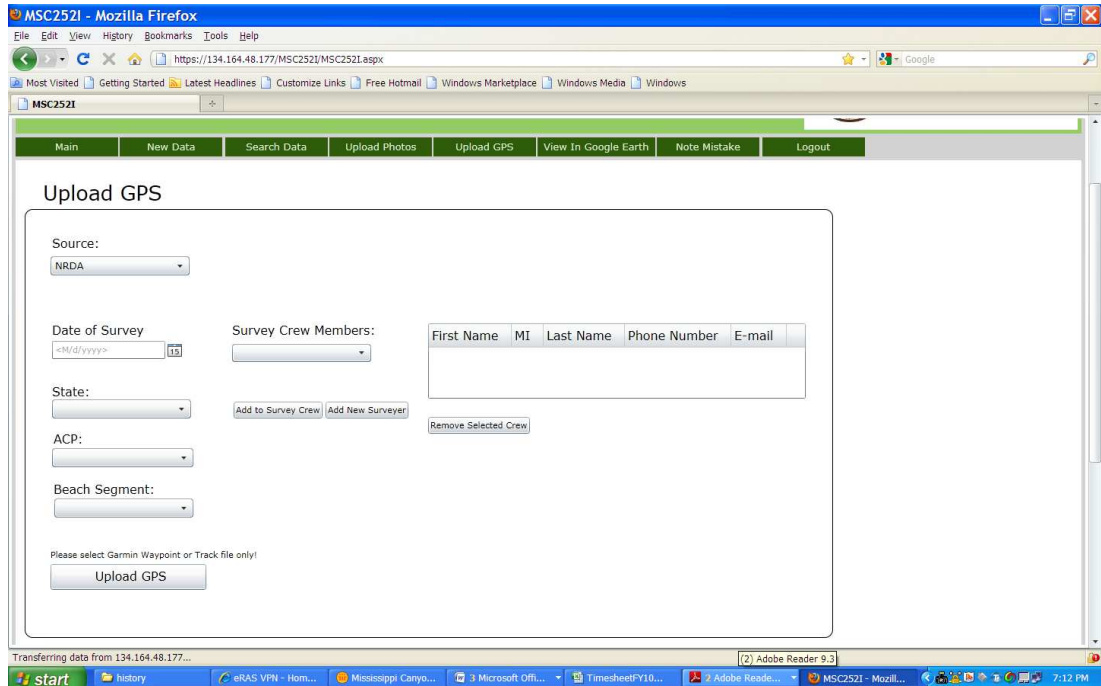
9. Select the state, ACP, and Segment Name.

10. Click "Upload GPS." A browser screen will open and allow you to select the files for upload. Select only files associated with the specified segment name. Remember: Only .txt files will be accepted into the database!

Last updated: 6/28/2010
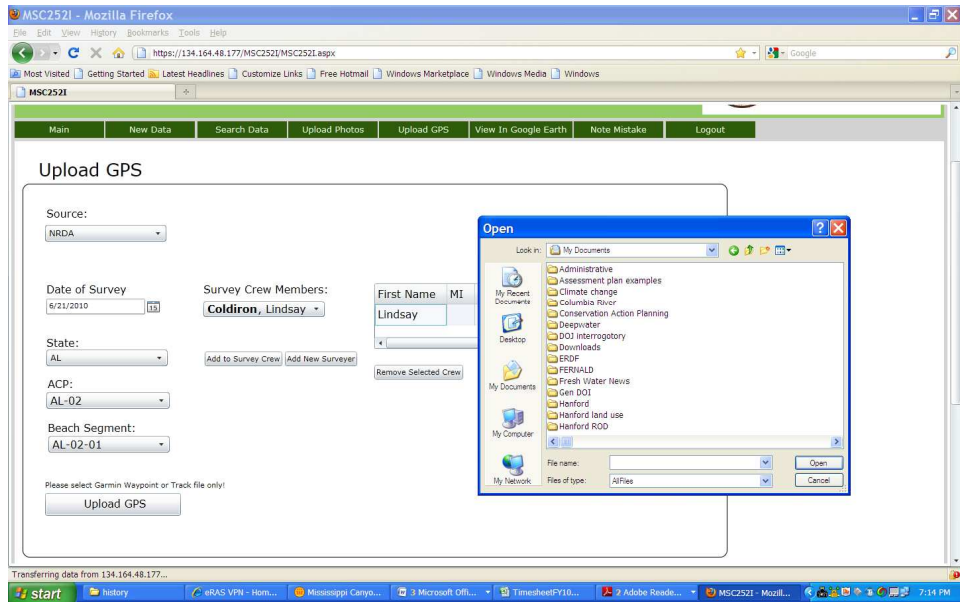
11. Do not delete GPS files from the GPS unit or the hard drive.

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