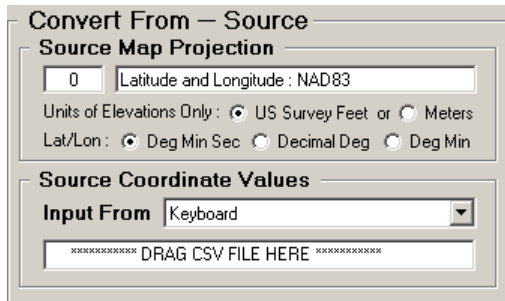
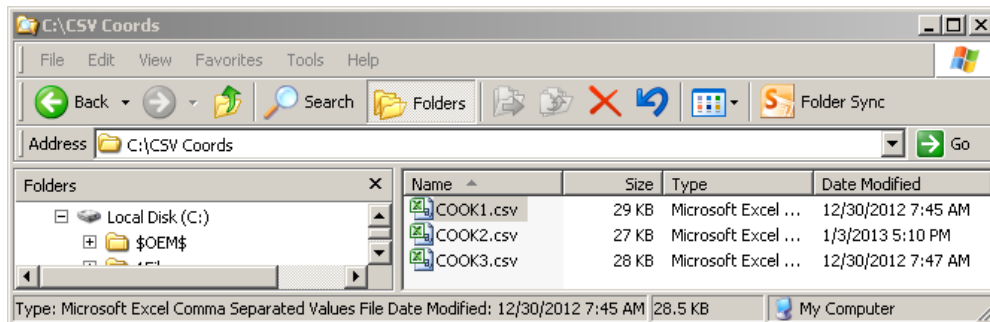
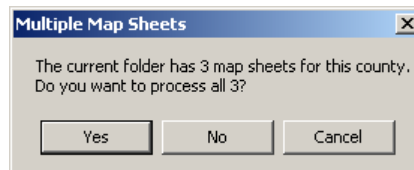


Using MnDOT CSV Coordinate Files in MnCon

The new Version 4.1.0 of MnCon adds the capability of using the MnDOT CSV coordinate files as input files. This example shows how to extract all the NAD83(2007) coordinates for control points in the north shore zone of Cook County to a county coordinate file. First copy the three Cook County CSV files to the local computer, and then proceed as follows:

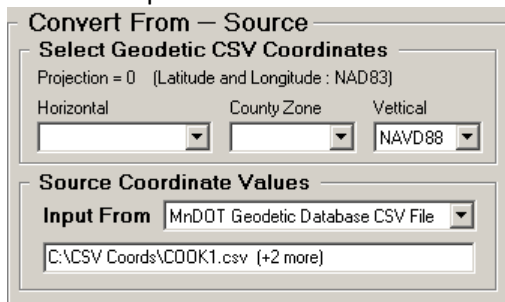


Drag COOK1.csv to the input filename field. Since multiple map sheet files exist for Cook County, MnCon asks if you want to process all of them. For this example, yes.

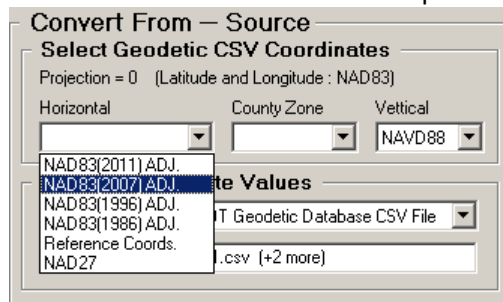


Set the CSV source file options:

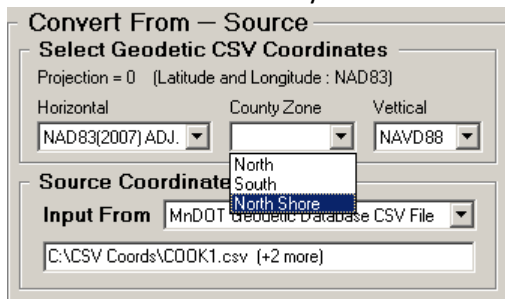
The Source pane switches to CSV format.



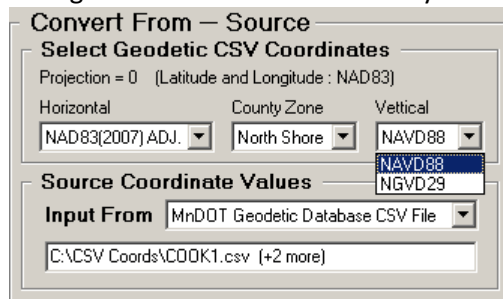
Select a horizontal data set to compute.



Select a zone if the county has zones.



Change vertical datums if necessary.



Using MnDOT CSV Coordinate Files in MnCon – Continued

Set the target file options and any other processing options and click the **Convert** button:

Minnesota Coordinate Conversion Program (MnCon) Version 4.1.0

File Help

Convert From – Source

Select Geodetic CSV Coordinates

Projection = 0 (Latitude and Longitude : NAD83)

Horizontal: NAD83(2007) ADJ. County Zone: North Shore Vertical: NGVD29

Source Coordinate Values

Input From: MnDOT Geodetic Database CSV File

C:\CSV Coords\C00K1.csv (+2 more)

Convert To – Target

Target Map Projection

24 Cook County/North Shore Zone : NAD83

Units of All Coordinates : ☒ US Survey Feet or ☐ Meters

Round Target Coordinate Values to .001 units

Target Coordinate Values

Output To: Comma Delimited File

C:\CSV Output\Cook.txt

Report Options

Report File: ☒ Overwrite ☐ Append ☐ Disable Reports

C:\Documents and Settings\graf1roy\Application Data\MnApp

☐ Send MnCon Output to a Printer

Description for Report File Header

CSV Processing Example

Adjustment: ☐ 1986 ☐ 1996 ☒ 2007 ☐ 2011

Missing Point Numbers

Next = 1 Increment by 1

☐ Do Not Add Point Numbers If Missing

Change Convert Exit

Report File fragment from this example:

```
MnCon (V4.1.0) Report          Conversion Date:01/04/2013          Page 1
Source Proj:NAD83(2007) Latitude and Longitude
Target Proj:NAD83(2007) Cook County/North Shore Zone
Input File:C:\CSV Coords\C00K1.csv
Output File:C:\CSV Output\Cook.txt
Description:CSV Processing Example
```

Point Number	Point Description	Vertical (f)
Source L-L	Target (f)	

5676	CARLTON	
LT: 47 35 00.59164	YC: 205995.498	Theta: -1 06 59.19
LG: -90 51 36.41911	XC: 587602.227	

5679	CKC A	ZC: 1796.056
LT: 47 50 16.77729	YC: 296914.182	Theta: -0 46 48.66
LG: -90 23 29.65518	XC: 704486.448	

Output File fragment from this example. Note the new metadata header:

```
$MnCon#24-2007$ NAD83(2007) Cook County/North Shore Zone (Feet)
5676,CARLTON,587602.227,205995.498,
5679,CKC A,704486.448,296914.182,1796.056
```