

**From:** Bryan Krueger [bryan.krueger@synesis-partners.com](mailto:bryan.krueger@synesis-partners.com)  
**Subject:** WxDE Indiana data collection  
**Date:** March 22, 2016 at 2:09 PM  
**To:** Schultz, Jeffrey L. [JEFFREY.L.SCHULTZ@leidos.com](mailto:JEFFREY.L.SCHULTZ@leidos.com)

Hey Jeff,

When you are done with your current task, I'd like you to start on getting Indiana collected. Some of this work is investigative, so please ask questions when something seems out of place or is unexpected. The URL and file names are in the forwarded email included in this message.

Your first step will be to download a copy of all the files and compare the header lines. I already know that there are at least two different header lines--one format is an exact subset of the other. Once you know this information, you'll have what you need to write a collection script.

The collection script should download the individual files from their web server, copy the last two lines from each file, pre-pend the file name as the first column on those two lines, append empty columns as needed to align the data to the longest discovered header, and concatenate the results into a single file. Their web server doesn't allow directory listing, so we have to explicitly download each file by name.

When you've got the script working and tested, I'll take a look at the output and give you the information needed so you can create the SQL scripts to configure the file collection.

----- Forwarded Message -----

**Subject:**RE: WxDE Indiana data collection

**Date:**Thu, 18 Feb 2016 17:40:42 +0000


















**From:**Bump, Joel [JBUMP@indot.IN.gov](mailto:JBUMP@indot.IN.gov)























**To:**Josh D Coulter [jcoulter@hoosierco.com](mailto:jcoulter@hoosierco.com), Bryan Krueger [bryan.krueger@synesis-partners.com](mailto:bryan.krueger@synesis-partners.com)

**CC:**[laura.goodfellow@lufftusainc.com](mailto:laura.goodfellow@lufftusainc.com) [laura.goodfellow@lufftusainc.com](mailto:laura.goodfellow@lufftusainc.com), Storey, Drew  
[DStorey@indot.IN.gov](mailto:DStorey@indot.IN.gov)

I would suggest that you could try the extract files that are located on the website server itself. The filename of our rwis files do not change with timestamps. Our RWIS download files are located at

<https://rwis.indot.in.gov/export> and the file names are just the <station name>.csv. Example:  
<https://rwis.indot.in.gov/export/frankfort.csv>

Name	Date modified	Type
 Amity.csv	12/1/2015 1:32 PM	CSV File
 Angola.csv	12/1/2015 1:33 PM	CSV File
 Argos.csv	12/1/2015 1:32 PM	CSV File
 Birdseye.csv	12/1/2015 1:32 PM	CSV File
 Black_River_Rest_Area_(Griffin).csv	12/1/2015 1:32 PM	CSV File
 Bloomington.csv	12/1/2015 1:32 PM	CSV File
 Cloverdale.csv	12/1/2015 1:32 PM	CSV File
 Columbus.csv	12/1/2015 1:32 PM	CSV File
 Corydon.csv	12/1/2015 1:32 PM	CSV File
 Covington.csv	12/1/2015 1:32 PM	CSV File
 Crawfordsville.csv	12/1/2015 1:32 PM	CSV File
 ElkhartEast.csv	12/1/2015 1:33 PM	CSV File
 Evansville.csv	12/1/2015 1:32 PM	CSV File
 Fort_Wayne.csv	12/1/2015 1:32 PM	CSV File
 Fowler.csv	12/1/2015 1:24 PM	CSV File
 Frankfort.csv	11/29/2015 9:53 PM	CSV File
 ...	12/1/2015 1:32 PM	CSV File

 Gds_City.csv	12/1/2015 1:32 PM	CSV File
 Greensburg.csv	12/1/2015 1:32 PM	CSV File
 HoweLagrange.csv	12/1/2015 1:33 PM	CSV File
 I65@I865.csv	12/1/2015 1:32 PM	CSV File
 I-74_@_I-465.csv	12/1/2015 1:32 PM	CSV File
 I-94_@_I-65_.csv	12/1/2015 1:32 PM	CSV File
 I-94_@_US-421.csv	12/1/2015 1:32 PM	CSV File
 Jeffersonville.csv	12/1/2015 1:32 PM	CSV File
 Kokomo.csv	12/1/2015 1:32 PM	CSV File
 Loogootee.csv	12/1/2015 1:32 PM	CSV File
 MarketSt.csv	12/1/2015 1:32 PM	CSV File
 New_Castle.csv	12/1/2015 1:32 PM	CSV File
 Penntown.csv	12/1/2015 1:32 PM	CSV File
 Rensselaer.csv	12/1/2015 1:32 PM	CSV File
 Scottsburg.csv	9/5/2015 6:40 PM	CSV File
 Seymour.csv	12/1/2015 1:32 PM	CSV File
 SouthBend.csv	12/1/2015 1:33 PM	CSV File
 Sullivan.csv	12/1/2015 1:32 PM	CSV File
 US-31_@_SR-38.csv	12/1/2015 1:32 PM	CSV File
 Versailles.csv	12/1/2015 1:32 PM	CSV File
 Vincennes.csv	12/1/2015 1:32 PM	CSV File
 WestPoint.csv	12/1/2015 1:33 PM	CSV File

### Joel Bump

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**Cell:** (317) 518-8806

**Email:** [jbump@indot.in.gov](mailto:jbump@indot.in.gov)



-----Original Message-----

From: Josh D Coulter [<mailto:jcoulter@hoosierco.com>]

Sent: Thursday, February 18, 2016 7:02 AM

To: Bryan Krueger

Cc: [laura.goodfellow@lufftusainc.com](mailto:laura.goodfellow@lufftusainc.com); Bump, Joel; Storey, Drew

Subject: Re: WxDE Indiana data collection

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Bryan,

I spoke with our Laura who is the lead on our software for INDOT and we push this data for INDOT to distribute to you. I think your best contact on this would be Joel Bump as he handles the distribution of this data to third parties.

We will more than willing to help on this but this should go through Joel.

Thank you

Josh Coulter