



Garmin G1000

**Flight Data
Logging**

Garmin G1000 Flight Data Recording



The Flight Data log file is stored on the top slot of the MFD. To retrieve the data take the card from the MFD to your PC computer (sorry, no MAC support for this program).

When you view the root directory of the card, look for a folder called “\data_log”. Open that folder to see your saved files. Transfer these to your PC to open up memory space on your card.

The file name will be formatted like this “log_YYMMDD_HHMMSS_IDENT.csv” where YYMMDD is the calendar date of the flight and HHMMSS is the time. The IDENT is the identifier of the closest airport at startup.

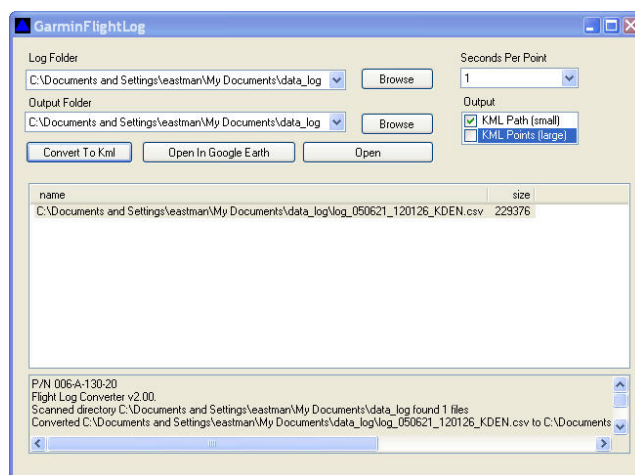
For example, a log file beginning the morning of June 02, 2009, on an aircraft that powers up at New Century Airport is stored in a file named ***log_090602_093055_KIXD.csv***.

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To open the file in Excel, just double click the file and it should automatically open.

If you want to see your flight in Google Earth, you'll need to convert the data using Garmin's free GarminFlightLog.exe program. Contact Garmin Product Support for assistance locating this file on their websites.

The Garmin Flight Log conversion program converts the .CSV file to a .KML file and allows you to open it in Google Earth. Saved flight and engine data can also be viewed in Google Earth by placing your cursor over any point in the flight path.



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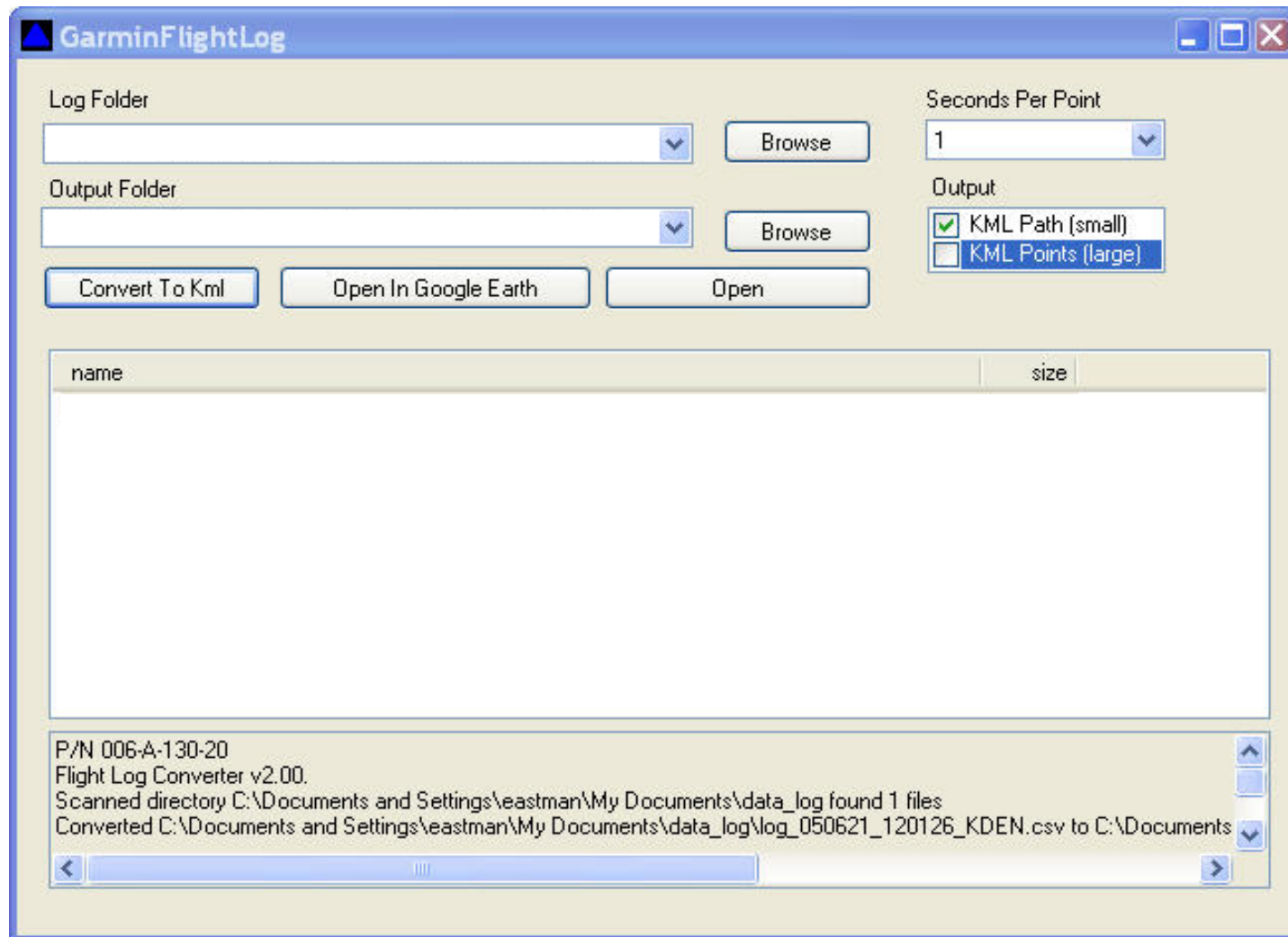
NOTE

Your computer will need to have the Microsoft .NET Framework program version 2.0 or higher installed on your PC to run this program. If you don't have it, you can download it from Microsoft Download website at <http://www.microsoft.com/downloads>. If you don't have it installed when you try to run the program, you'll see an error message like the picture below.



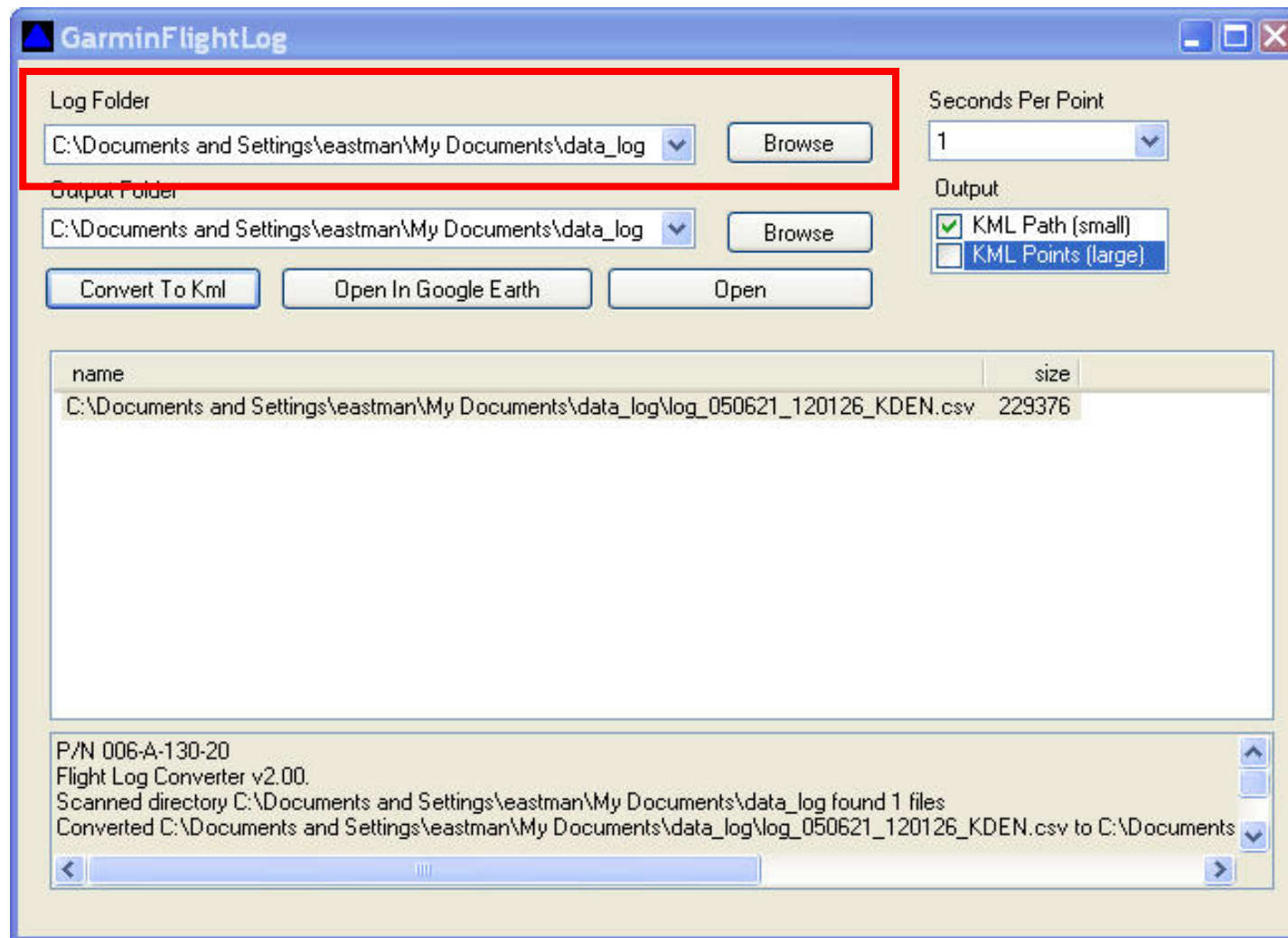
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To use the Flight Log program, open it and you'll see this screen.



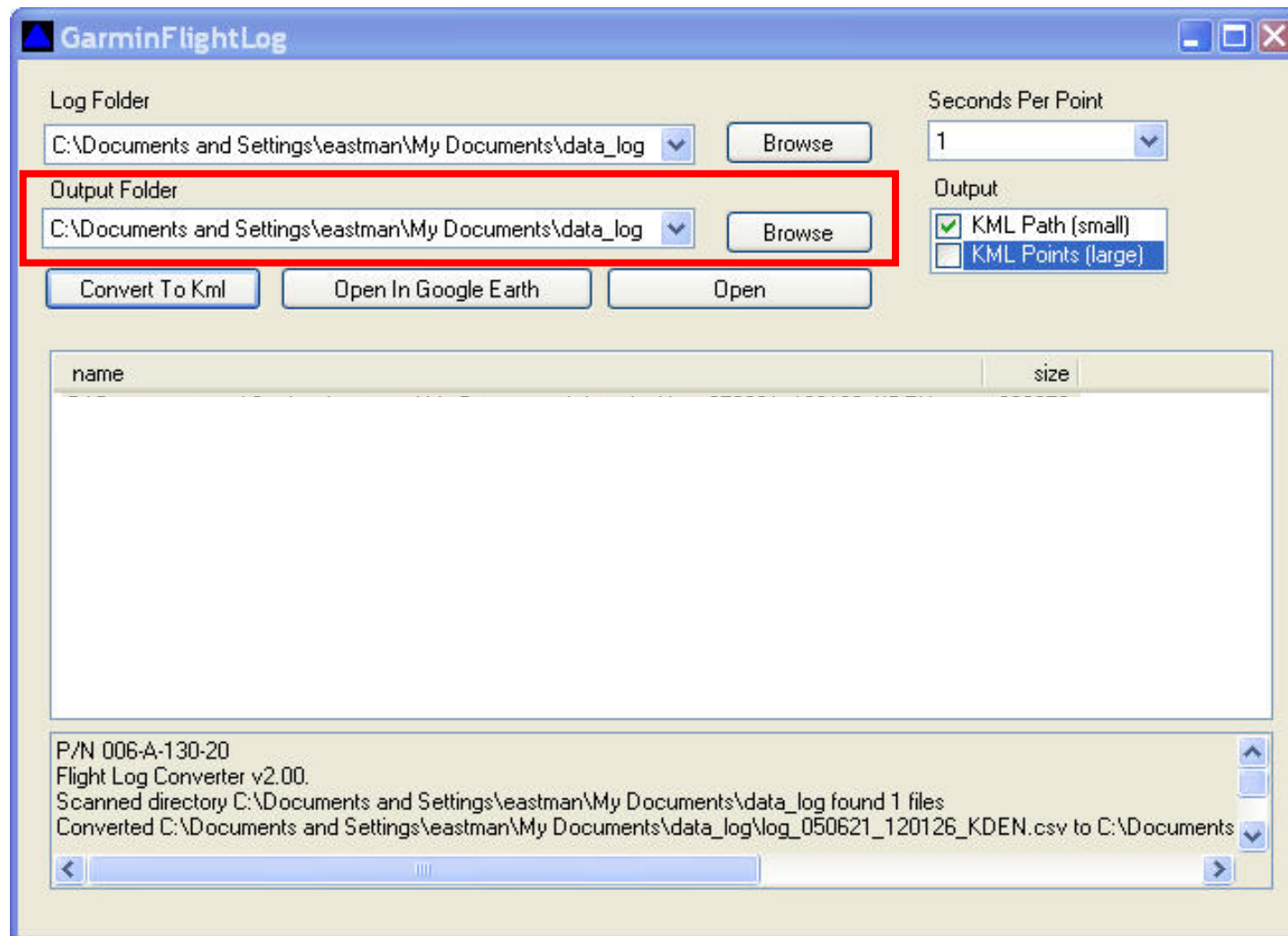
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First, you need to choose the location of your log file on your PC.



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Next, choose the output location where the converted file will be stored.



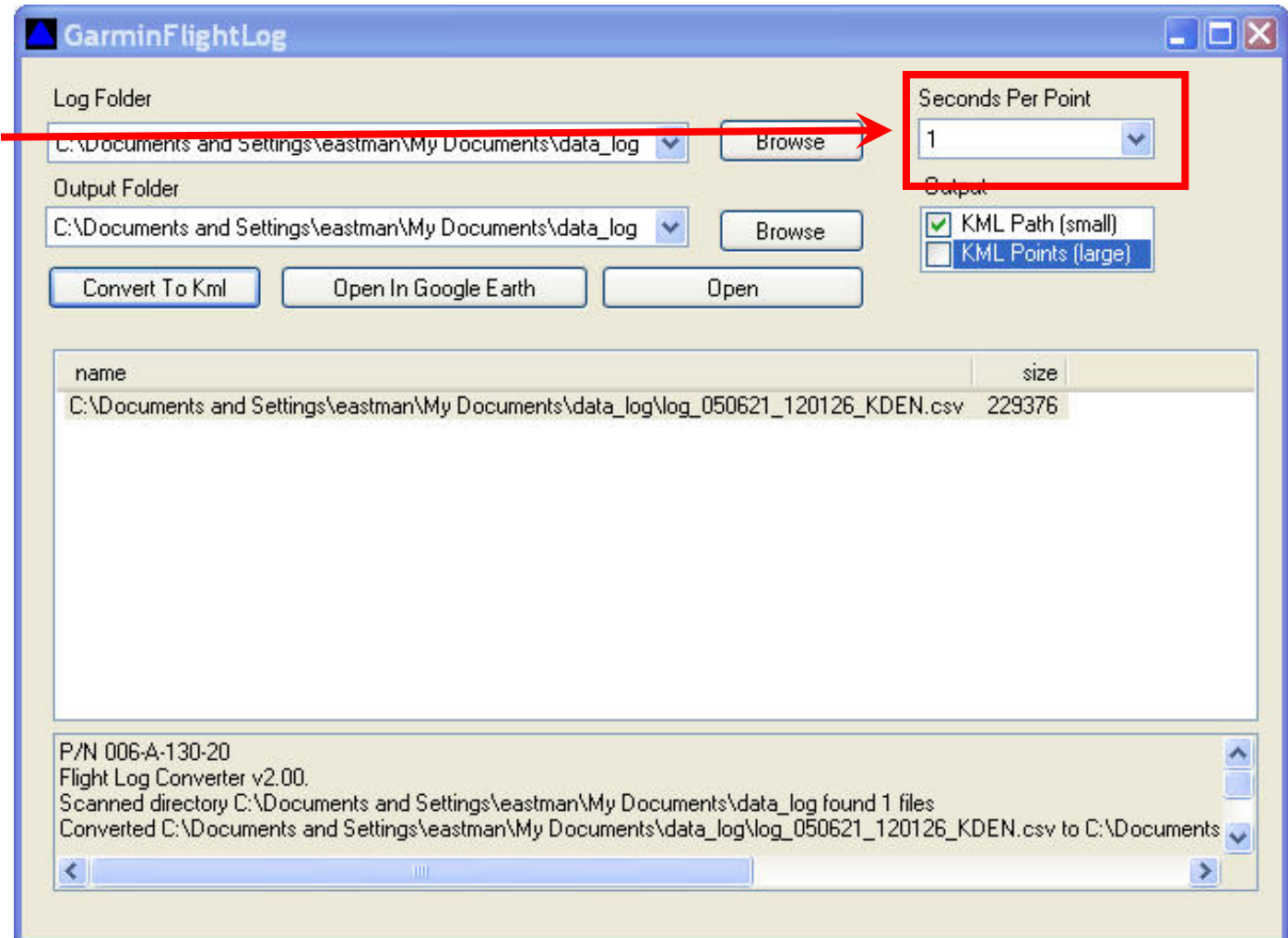
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Then choose how many flight log entries (seconds) you want to convert into one point. Number of data points converted into one point to display. More data log entries (seconds) per point results in smaller file sizes to load into Google Earth.

Example:

1 = 1 second per point

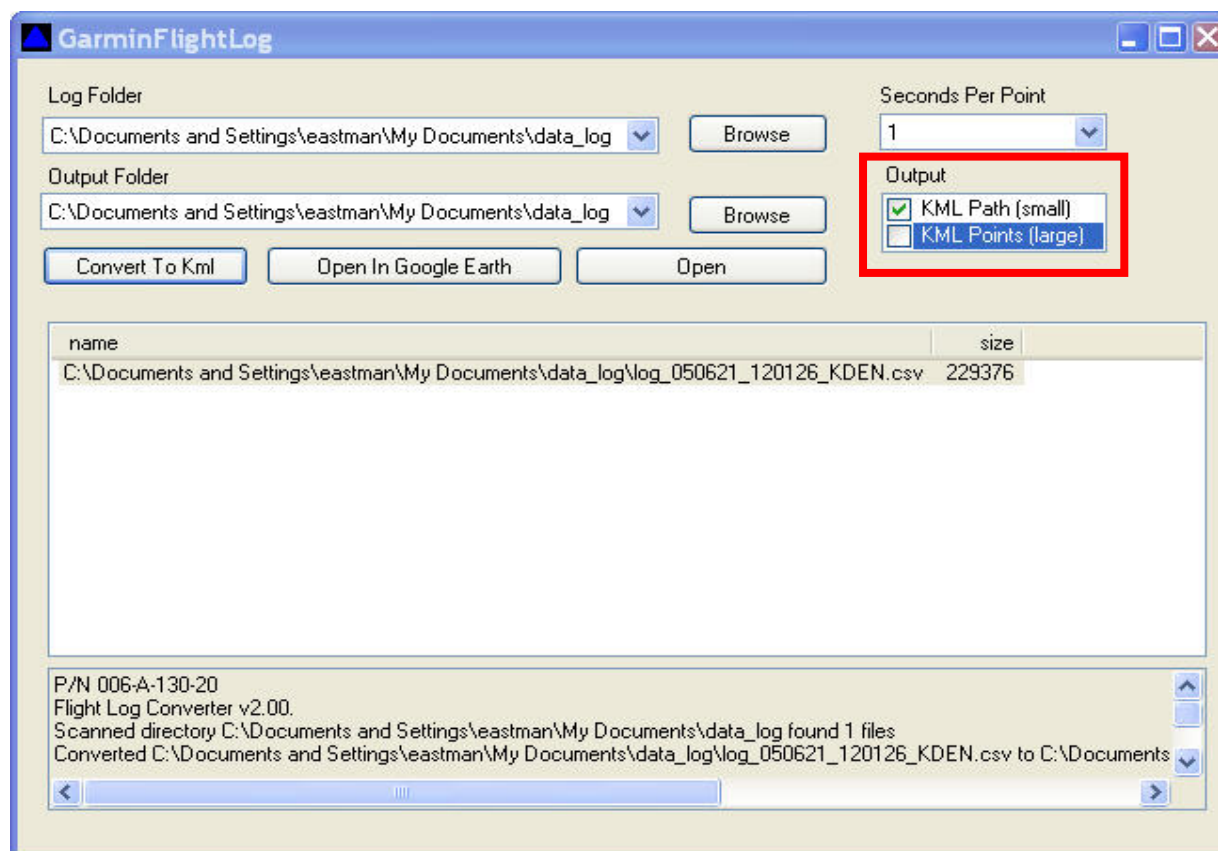
2 = 2 seconds per point



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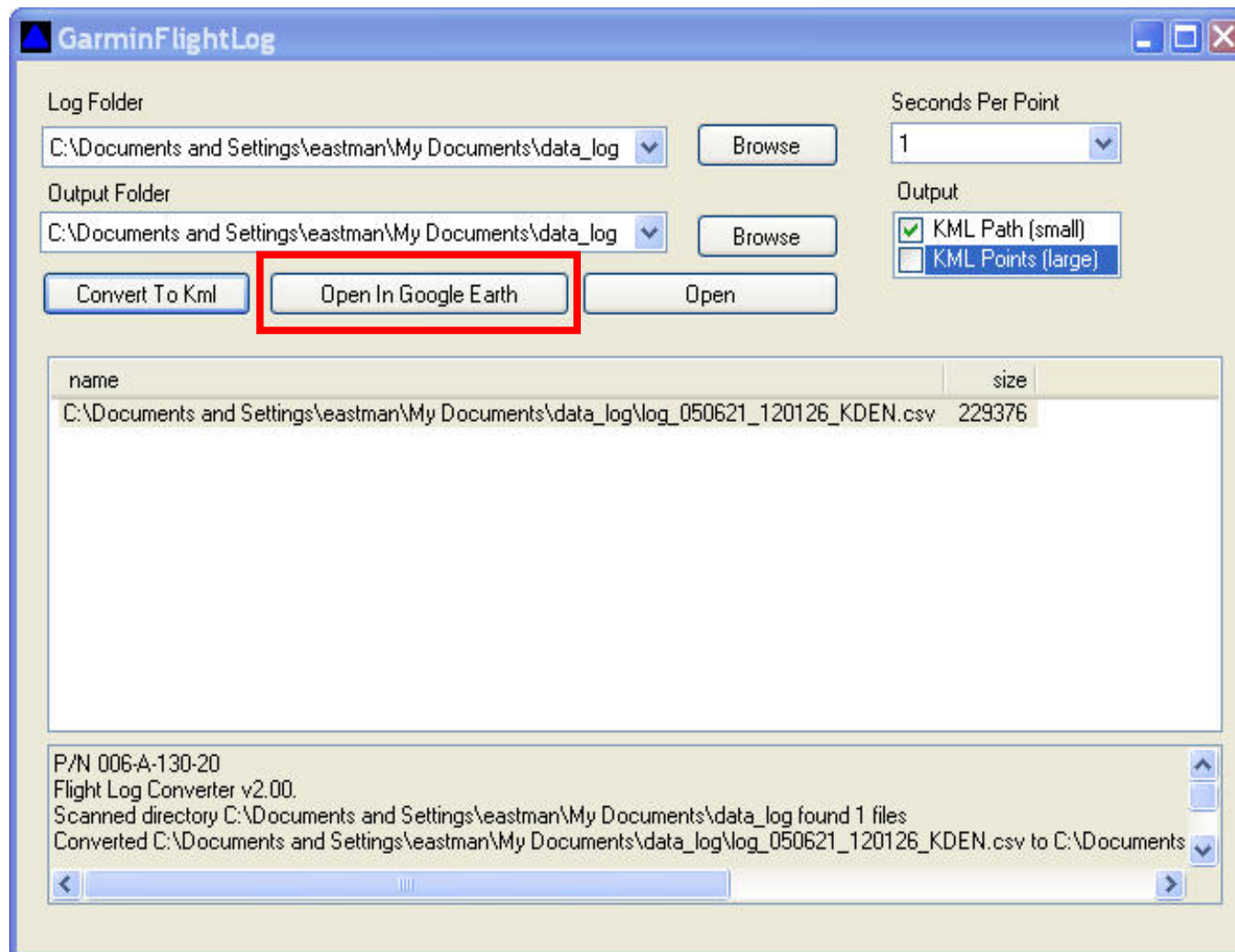
Next choose your Output Type by checking the box next to it. KML Path (small) shows 3D flight path only (recommended).

KML Points (large) shows flight path and recorded data. This file size can get huge for long flights causing upload delays into Google Earth on slow internet connections.



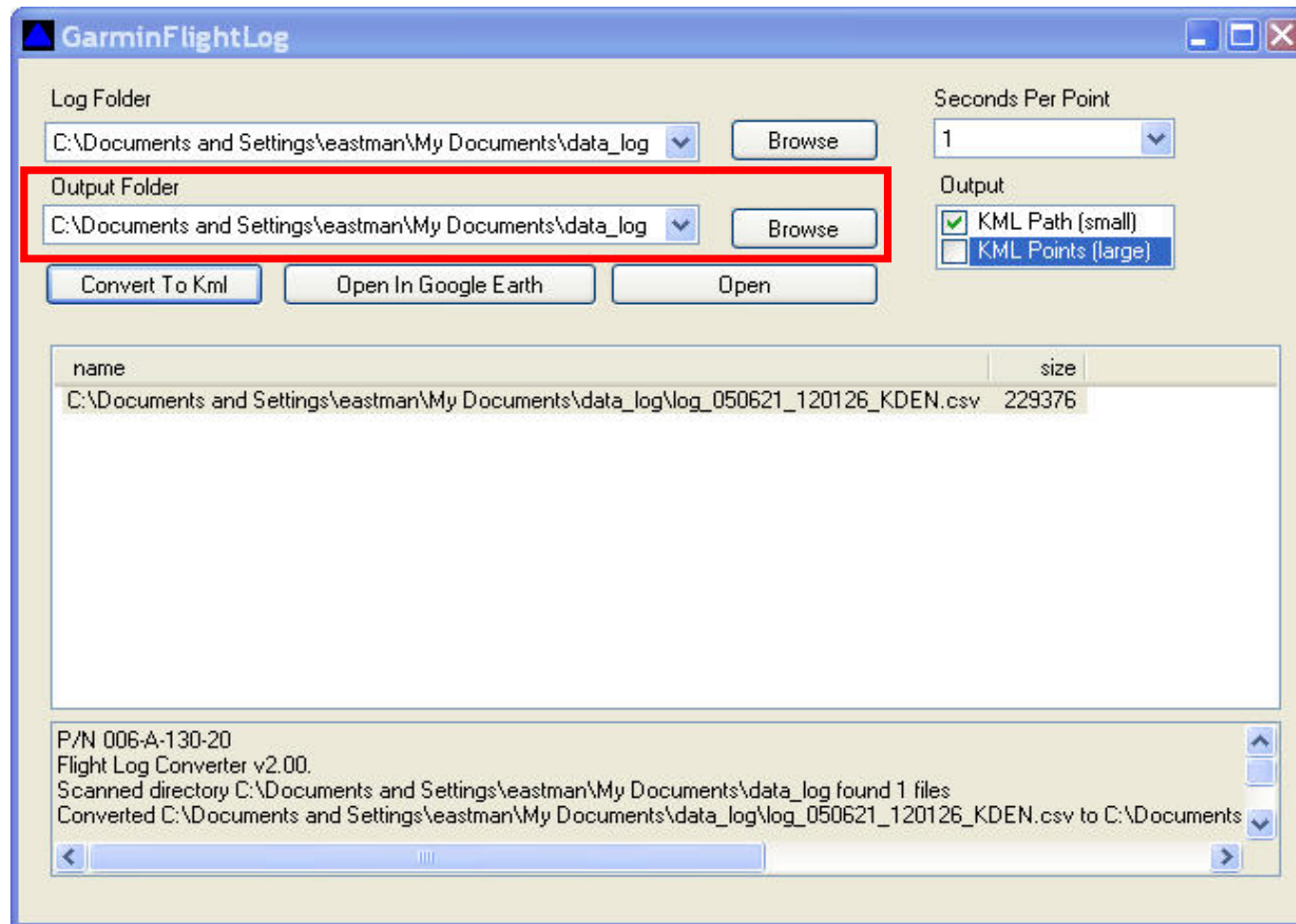
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Then press the “Open in Google Earth” button to see your flight.



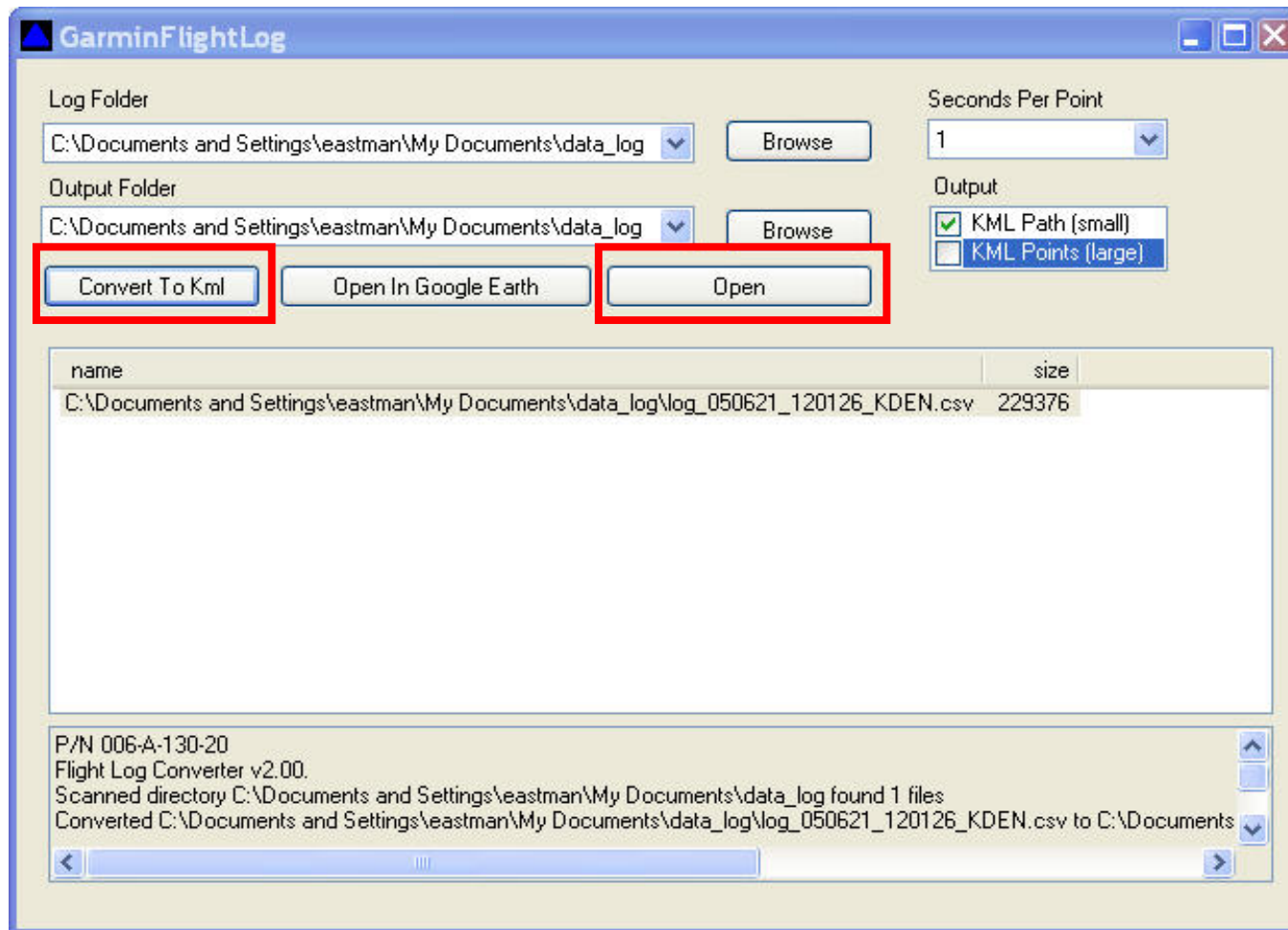
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The converted file is automatically saved in the Output Folder location for viewing later.



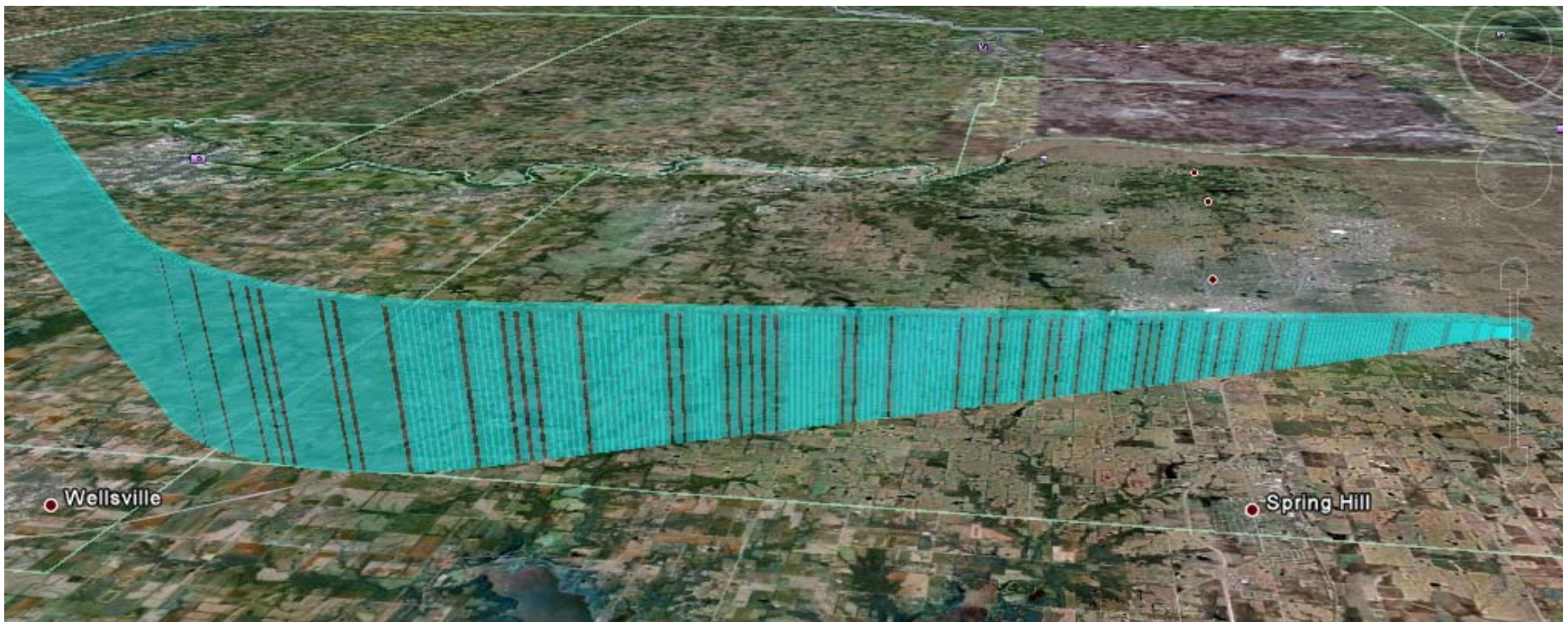
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The buttons circled in red are not needed for converting the data since the “Open in Google Earth” button performs the conversion automatically.



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This is an example of the KML Path (small) output on Google Earth. Individual data points are not selectable.



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This is an example of the KML Points (large) output on Google Earth.

