BLOOD SUGAR DATA MANAGEMENT

March 1, 1995

Version 1.02

Diffences between .01 and .02

1. Allows user to pickup Lifescan files.

2. Fixes Windows Malady.
    A batch file replaces the startup of the program. To
    start the program, type : METER < return >

    This fixes the windows message "out of memory".

3. Fixes pause time between program and superfast computers.
4. Save file to selected format for use by spreadsheets.
5. Numeric file names for saving files.
6. Printer error bug fixed.

DISCLAIMER

Stephen L. Bean disclaims any responsibility for the medical condition of the user.
By using this software, the user agrees that Stephen L. Bean will not be held
responsible for the results obtained while using this software. The software is not
designed to take the place of the advice of a physician in the care and treatment
of diabetes, or any other malady.

EQUIPMENT

The software was originally designed for use by a doctor. However, it can be used
effectively by the individual with diabetes to not only keep a record of glucose
readings, but also to present to a physician the printed reports to assist the
physician in management.

The program currently requires that you possess:

(1) One Touch II meter, by LifeScan.
(2) Serial Cable for One Touch II.
    (We got ours from LifeScan at no charge.)

We have no affiliation with LifeScan or Johnson & Johnson. The software was originally developed by the author for use by the author and his physician.

REQUIREMENTS:

A serial cable is required that connects your meter to one of your compute'rs serial ports.

We acquired our test cable directly from LifeScan. We hesitate to give out the phone number to their customer service as we can have no affiliation with LifeScan. The customer service number can be located in the documentation that came with your meter.

The cable attachment is a standard 25 pin (DB-25) serial cable on one end for the serial port (1 through 4) of your computer. A converter for 9-pin to 25-pin is available at local computer stores.

The other end (RCA jack) is special for the small receptable on the side of the One Touch II meter.

THE DATAMGR.EXE FILE:

Of course, by now you have exploded the zip file or you wouldn't be reading this.

But just in case. You should create a subdirectory of your chosing and copy the TOUCH2.EXE file to that directory and type:

       METER

To start the program, type :

       SUGAR

Once the program is started, you should immediately arrow right to "PROGRAM SETUP" and down arrow to "Drive". Select the drive in which the program files have been placed. Hit <Enter>.

Select "SUBDIRECTORY" and type in the name of the subdirectory where the program files have been placed. You do not need anthing by the name unless you have made a third level or lower directories, then remember to place the "\" between them.

SETUP

A setup routine is available in the main menu. You can select which drive you

wish to save the result files. The program will run on any floppy disk depending on the size and number of saved files.

DO NOT change the SPEED setting here ... UNLESS you have changed the speed setting of your reading meter. They must be the same. The factory default is 9600.

If you do not know the communications port you are dealing with, you can experiment here with ports 1 through 4 until you can communicate with your meter.

America On-Line(R) has help for locating "Comm Port Conflicts" (more than one device on a port) and other communications problems. Look under "HELP" and arrow to the desired topics on America Online.

If you have problems with communications in windows:

From your MAIN menu in windows, select PORTS, and then the port that you will be using for your meter. Make sure that the port is at 9600, 8 data bits, NO parity, 1 stop bit. We tried both Xon/Xoff and Hardware flow control and both worked. These settings should be the default. If you have not touched them, they should be OK.

LOADING DATA:

Any work with the meter requires that the meter be turned on, and the display flashing "INSERT STRIP" for communications to take place.

Notice that you can load data from a saved file, or from the meter, or load a Lifescan file.   When selecting "Load from Disk" there are two files already available for you to play with. You can delete them or use them as you wish. There is a LifeScan@ file also available (TOUCH.FIL).

If the meter becomes locked, or the programs cannot communicate with the meter (5-10 seconds), turn off your computer and start over. We have experienced rare instances of this, but cannot force or duplicate the issue on purpose to correct it.

At the suggestion of one of our users, we are including an option to load an existing file from the meter using Lifescan's software. Their software is free. Be sure to ask for it when you request a cable. The meter file must be produced with the meter set at:

        2400 time and MG/DL

SAVING FILES:

Think Ahead! Use a naming convention that will tell you what you did in the future. DOS file naming conventions apply. You can add a file extention, but remember to add the period before the extention.

Notice when selecting "Load from Disk" that there are two files already available for you to play with. You can delete them or use them as you wish. You are welcome to use these file name conventions.

ALL DATA IN ONE FILE

You can keep adding data to one file. If you elect to do this, enter the name of the file, and you will be asked if you wish to delete the old file or append to the old file. Select Append.   KEEP IN MIND, that if you did not clear the meter prior to loading, and then elect to append, you will get duplicate data in the file. Makes sense!

In other words, if you wish to keep a file of all data from the meter, you must clear the meter after saving the loaded data to the same file. The utility to "Clear the Meter" is provided. The meter
can hold 362 entries, and the graphing only displays 72 of the last entries.

HINTS:

1. Be careful when using the option to delete the data from your meter. It cannot be recovered.

2. In the Browse function, and if you wish to make a note of the specific reading, highlight the notes field and hit <Enter>. Type in your note and hit enter to exit the field.

3. Make sure that the system date and time are correct before you
start the program.

FILE NAMES

Any files saved by the program are in the same subdirectory.

            *.WRK   are SUGAR saved files.

Any imported files will still remain in their original format and exported (saved) as .WRK files.

When saving files as .WRK only enter the first and up to eight characters. The file extention will be added for your.

When importing files, enter the entire file name with extention.

FILE CONVERSIONS:

In all cases, load from your meter, a file, or a LifeScan file. From the popup menu select "Convert". Another menu appears ...

Excell for Windows - Creates a dBase like file called SPRDSHET.DBF, and the resulting extention (DBF) can be found as an import routine that works with this file. In excell close any open files. Select
File, then Open. Select the drive and subdirectory. At the bottom, select type of file as "dbase (*.dbf)". The click on SPRDSHET.DBF.
Amazingly, it loads an Excell spreadsheet with the correct data in the correct columns and rows. Format the columns and rows as normal. We liked the entire entire sheet right justified and then changed the columns to math columns as necessary.

SDF (Standard Data Format) - Check your spreadsheet for a import file type. This is the entire data represented as its total field length with no delimiter. It is a very common ASCII text format:

       my   name   is sarah

Delimited - Also a very common data format where each field in a record is surrounded by parenthesis and followed by a comma:

       "my","name","is","sarah"

SUPPORT:

If you need help, you are welcome to leave comments, suggestions, and other messages at America Online(c) to BEAN1868.   Please leave your
phone number in the AOL message.

Any anamolies associated with the program will be corrected, if possible, as soon as possible, and redistributed through America Online(R).

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