

GUIDE TO DOWNLOAD TRACKLOGS IN GPSDUMP

from Garmin gps in this example

This is a beginners easy steps to download and save your tracklogs

**I am only just touching on the functions of Gpsdump
as I only know a little on how to use it.**

**There are many many more functions
and connections to other gps**

but as I only have a Garmin this is what I have learnt myself

If you can add to this tutorial PLEASE do



Garmin 76s



Garmin eMap

first go to webpage :- http://www.multinett.no/stein.sorensen/body_gpsdump.htm

GpsDump

This is the program to be used for the international flightlog and the Norwegian xc-league.

Download track logs from many Garmin models, MLR, Log_It/MuzzyLoggeR/GPS Tracklogger, Top Navigator / XC Trainer, Brauniger/Flytec models, Digify Graviter, Digify Leonardo, CPilot, Flymaster F1, DSX series and MTK/Pentagram. Magellan models are also supported (SporTrack), but I have not received much feedback on which models that works.

Upload/download waypoints to/from Garmin models, MLR, Brauniger/Flytec models, Top Navigator / XC Trainer and Flymaster.

Known errors:

- On Garmin USB models turning power off fails.

Latest version

Version 4.57 ([exe](#)) ([zip](#)).

- Added filter to remove wild height changes. Select a maximum ascend/descend rate between two consecutive tracklog points.

Previous versions:

Version 4.56 ([exe](#)) ([zip](#)).

- Bulk convert between .kml and .igc.
- Cmd_line: Buexif for /wr_wpt used with Flymaster and ToBasic.

Done

Find the latest version press the exe file to download and save it

GpsDump 4.50, COM3

File Edit Logs Wpts CTR Misc View Help

Garmin (RS232) Compeo/Competino XC Trainer (MXP) TopNav (MXP) Save log (Flight Data)

Garmin (USB) Flytec 5020/5030 MLR / Digify Flymaster

eMap Software Version 2.75

Track position 105 of 763 (0m 47s)

Select item(s) UTM Abort transfer Exit

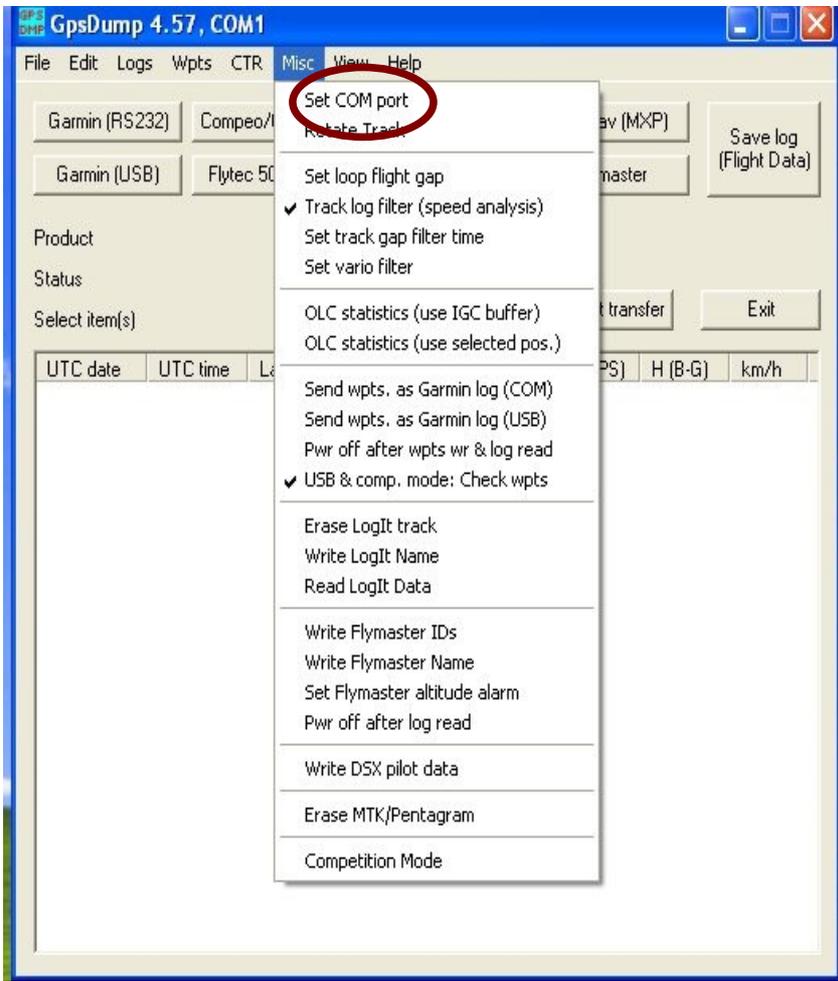
UTC date	UTC time	Latitude	Longitude	H (GPS)	H (B-G)	km/h
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go to your download folder and run Gpsdump (double left click)

Press the button for your gps

garmin usb in this example

this then downloads all the tracks from your gps memory

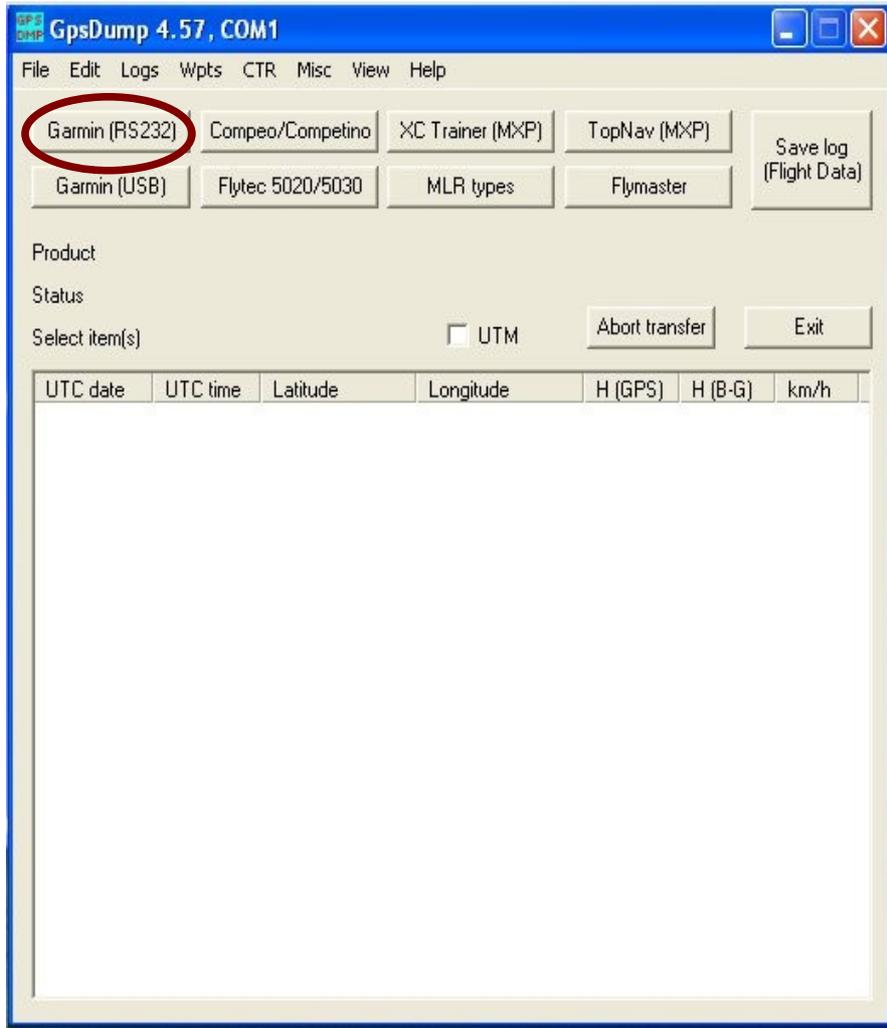


For Serial connection from garmin go to the Misc tab – click on Set COM port

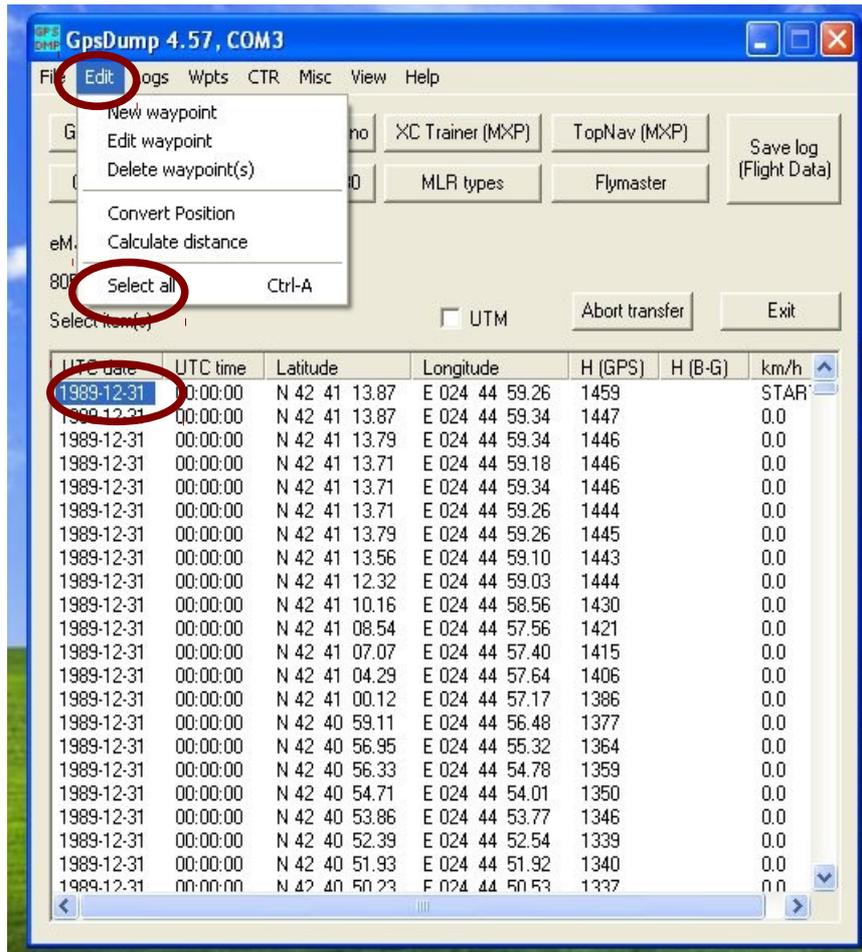


this box will appear, the com port is the port that you connect on back of computer it is normally automatic assigned COM1 press the OK

Now press the Garmin (RS232) button to start the download of your tracks



Option 1



your tracks are all listed in date order
each point of your crumb trail, so every 5 - 10
seconds depending on your gps setting

click on the first entry – then either go to Edit
– Select all or press Ctrl + A

this selects all the tracks

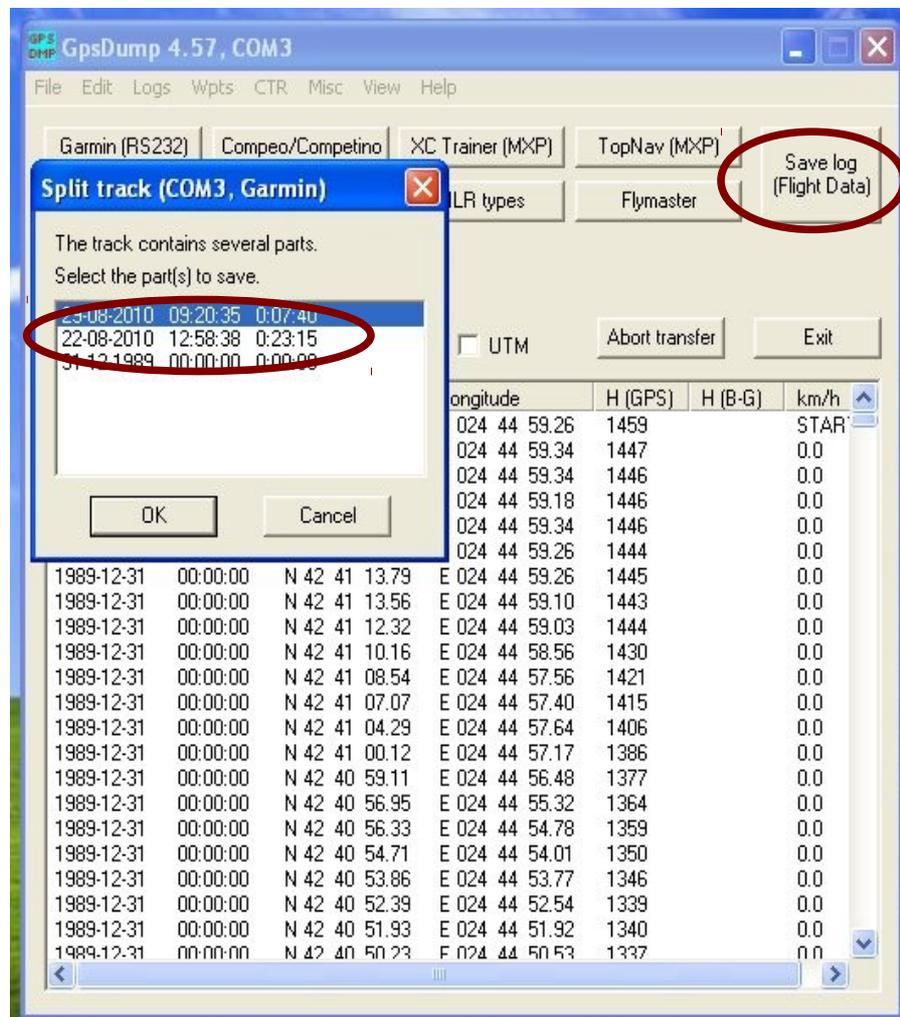
Next press the Save logs button

then you get the split track box

now select the date and time for your flight

press OK

goto page 4



Option 2

manually scroll down the total list

File Edit Logs Wpts CTR Misc View Help

Garmin (RS232) Compeo/Competino XC Trainer (MXP) TopNav (MXP) Save log (Flight Data)

Garmin (USB) Flytec 5020/5030 MLR / Digifly Flymaster

eMap Software Version 2.75

759 track positions read (59.195 secs)

Select item(s) UTM Abort transfer Exit

UTC date	UTC time	Latitude	Longitude	H (GPS)	H (B-G)	km/h
1989-12-31	00:00:00	N 42 39 08.03	E 024 46 11.56	638		0.0
1989-12-31	00:00:00	N 42 39 09.26	E 024 46 11.87	626		0.0
1989-12-31	00:00:00	N 42 39 07.41	E 024 46 15.27	615		0.0
1989-12-31	00:00:00	N 42 39 05.87	E 024 46 14.88	611		0.0
1989-12-31	00:00:00	N 42 39 05.63	E 024 46 05.92	587		0.0
1989-12-31	00:00:00	N 42 39 04.63	E 024 46 03.99	583		0.0
1989-12-31	00:00:00	N 42 39 04.71	E 024 46 11.95	548		0.0
1989-12-31	00:00:00	N 42 39 01.15	E 024 46 12.10	520		0.0
1989-12-31	00:00:00	N 42 38 58.84	E 024 46 15.58	492		0.0
1989-12-31	00:00:00	N 42 38 55.82	E 024 46 15.58	487		0.0
2010-08-22	12:58:38	N 52 31 19.23	W 002 52 46.55	360		START
2010-08-22	12:58:51	N 52 31 19.23	W 002 52 48.33	360		2.0
2010-08-22	12:59:01	N 52 31 19.38	W 002 52 49.80	360		3.7
2010-08-22	12:59:04	N 52 31 19.46	W 002 52 50.34	360		4.3
2010-08-22	12:59:14	N 52 31 19.38	W 002 52 50.88	369		5.0
2010-08-22	12:59:23	N 52 31 19.23	W 002 52 51.03	378		5.3
2010-08-22	12:59:36	N 52 31 19.23	W 002 52 51.03	391		5.3
2010-08-22	12:59:50	N 52 31 19.08	W 002 52 51.11	397		3.7
2010-08-22	13:00:07	N 52 31 18.92	W 002 52 51.34	404		1.5
2010-08-22	13:00:19	N 52 31 18.77	W 002 52 51.34	411		1.1
2010-08-22	13:00:37	N 52 31 18.69	W 002 52 51.65	411		1.3
2010-08-22	13:01:39	N 52 31 18.77	W 002 52 51.57	415		0.2

Garmin seem to have a listing from 1989 as the first and I am not sure why (sorry)

you need to scroll down to find the date you want to download.

A tip is to look in the km/h column for the "START"

Next is to click on the first point, scroll down to the end of the flight (find the next START) then hold Shift key(up arrow) and click – this selects all the points between the two

goto page 4

File Edit Logs Wpts CTR Misc View Help

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eMap Software Version 2.75

759 track positions read (59.195 secs)

Select item(s) UTM Abort transfer Exit

UTC date	UTC time	Latitude	Longitude	H (GPS)	H (B-G)	km/h
2010-08-22	13:20:04	N 52 31 06.79	W 002 53 03.39	395		27.5
2010-08-22	13:20:09	N 52 31 06.02	W 002 53 03.39	392		25.6
2010-08-22	13:20:13	N 52 31 05.56	W 002 53 04.32	388		24.3
2010-08-22	13:20:19	N 52 31 04.63	W 002 53 05.17	381		22.3
2010-08-22	13:20:23	N 52 31 03.86	W 002 53 05.32	381		21.1
2010-08-22	13:20:26	N 52 31 03.32	W 002 53 05.48	378		20.0
2010-08-22	13:20:31	N 52 31 02.47	W 002 53 05.87	376		19.3
2010-08-22	13:20:33	N 52 31 02.16	W 002 53 05.79	375		19.1
2010-08-22	13:20:40	N 52 31 01.08	W 002 53 06.17	366		18.6
2010-08-22	13:20:48	N 52 31 00.15	W 002 53 07.56	357		18.2
2010-08-22	13:20:55	N 52 30 59.22	W 002 53 08.65	350		18.4
2010-08-22	13:20:58	N 52 30 58.76	W 002 53 08.57	348		18.4
2010-08-22	13:21:03	N 52 30 57.76	W 002 53 08.80	341		18.9
2010-08-22	13:21:07	N 52 30 57.14	W 002 53 08.65	339		19.0
2010-08-22	13:21:15	N 52 30 55.44	W 002 53 07.18	332		19.9
2010-08-22	13:21:22	N 52 30 54.20	W 002 53 08.26	322		20.2
2010-08-22	13:21:24	N 52 30 54.05	W 002 53 09.11	319		20.5
2010-08-22	13:21:26	N 52 30 53.97	W 002 53 09.96	316		20.7
2010-08-22	13:21:30	N 52 30 53.43	W 002 53 10.81	311		20.8
2010-08-22	13:21:41	N 52 30 52.12	W 002 53 12.28	300		20.5
2010-08-22	13:21:53	N 52 30 52.12	W 002 53 12.35	300		17.1

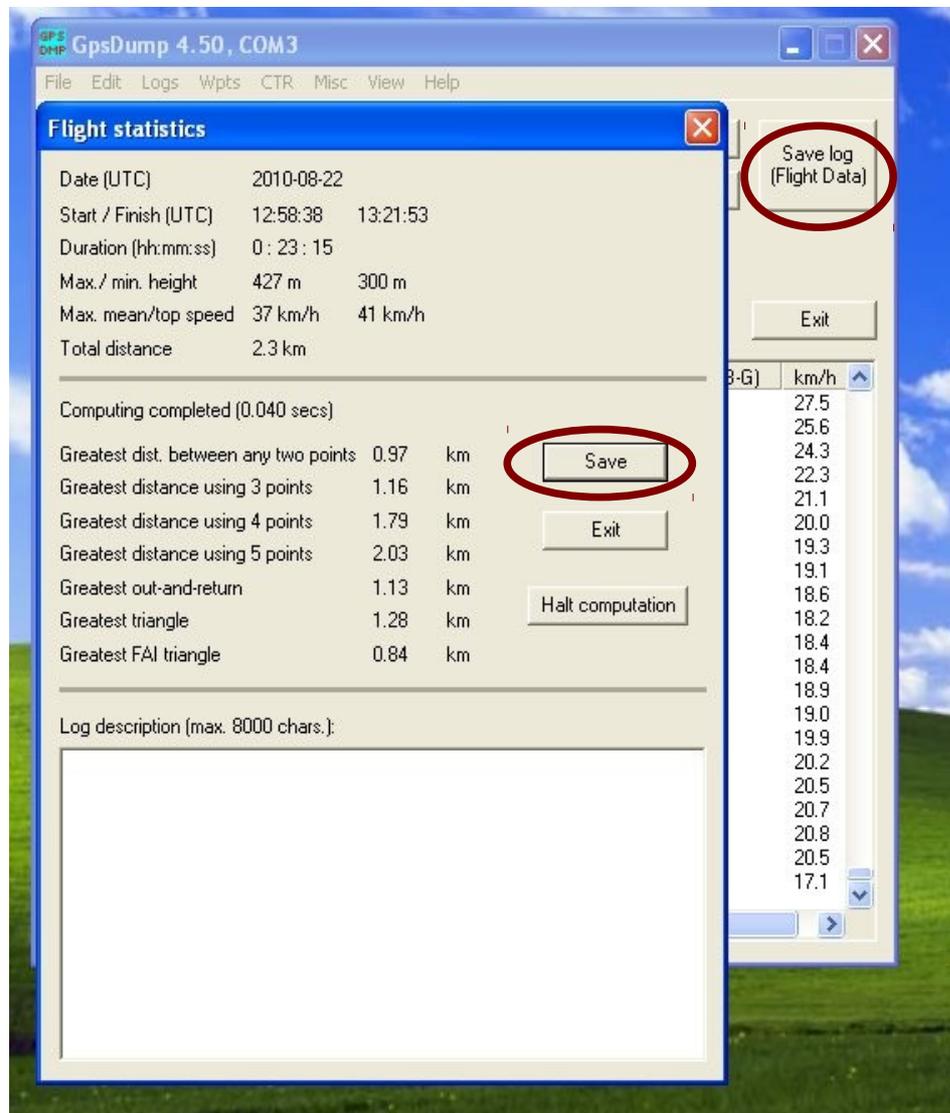
HOW TO SAVE LOGS

now press the Save log button

this is now your flight statistics

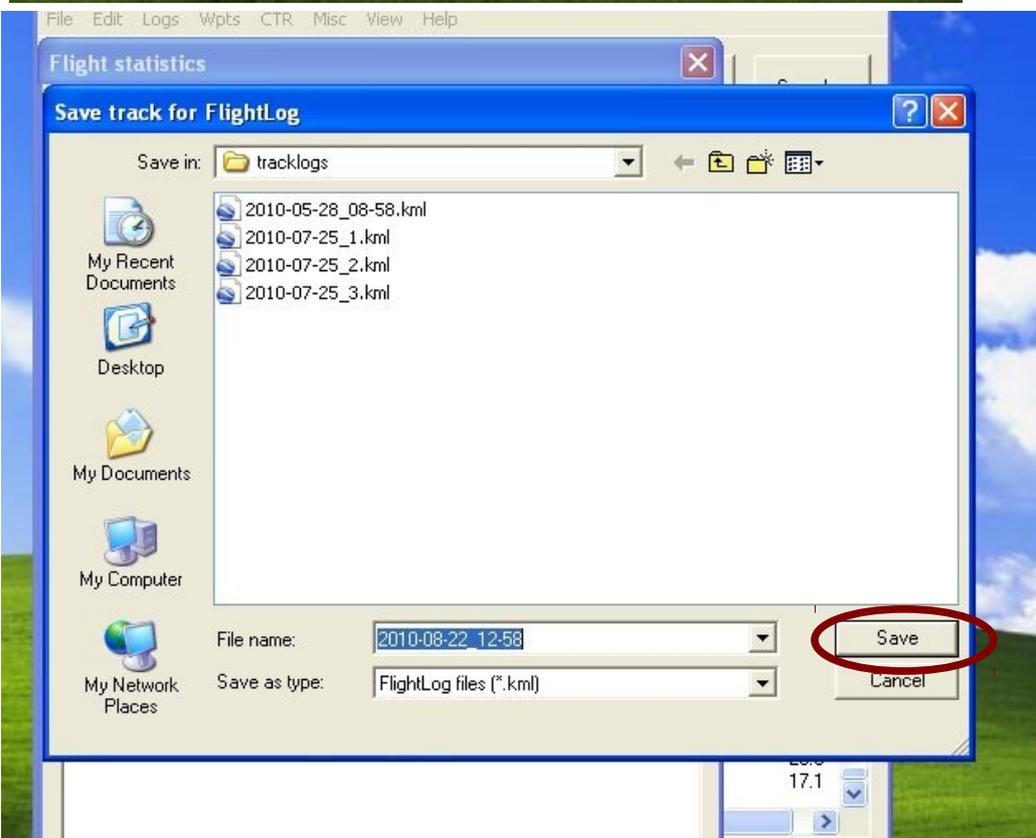
press the save button

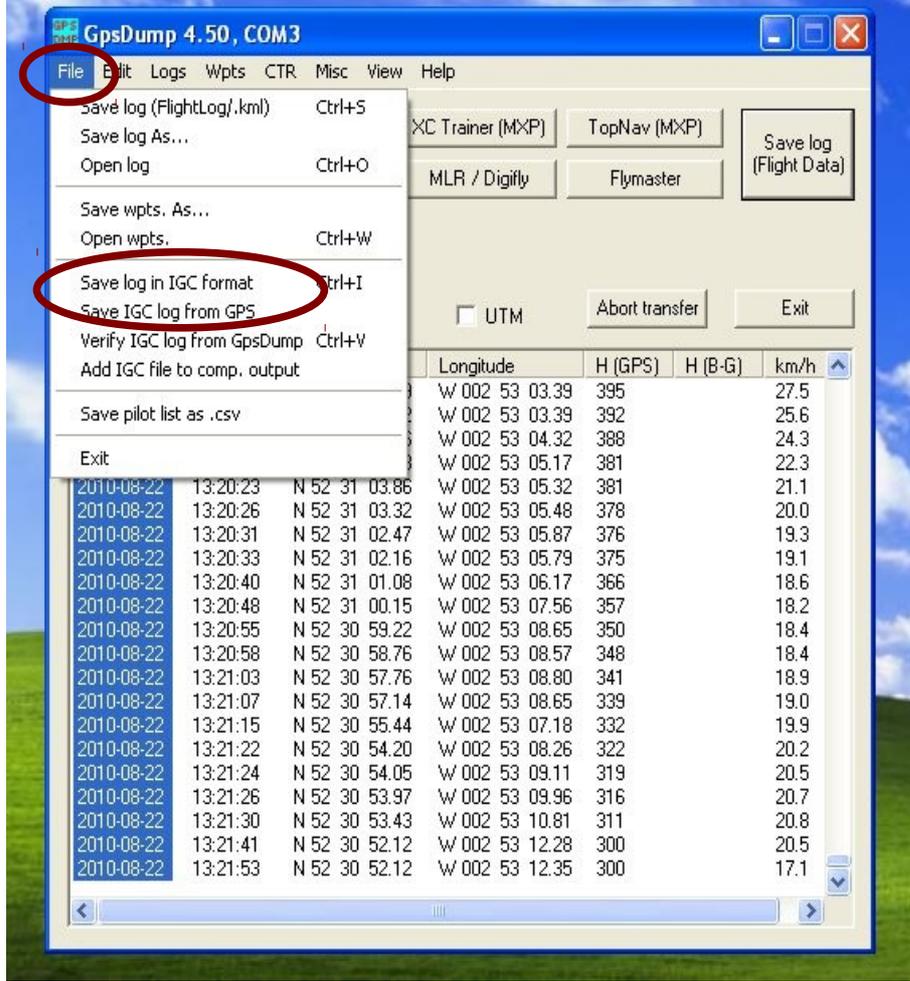
this will save log as a .kml file :-
this file is a google earth file
so you can double click on file and as
long as you have google earth installed
it will open google earth and show you
the track



the track is named as the date and
time by default

so you can change if you want,
and save in folder of your choice





Now to save as .IGC file

this is for you to upload to any competition, i.e. xc league

they will only except an IGC file and not a KML file

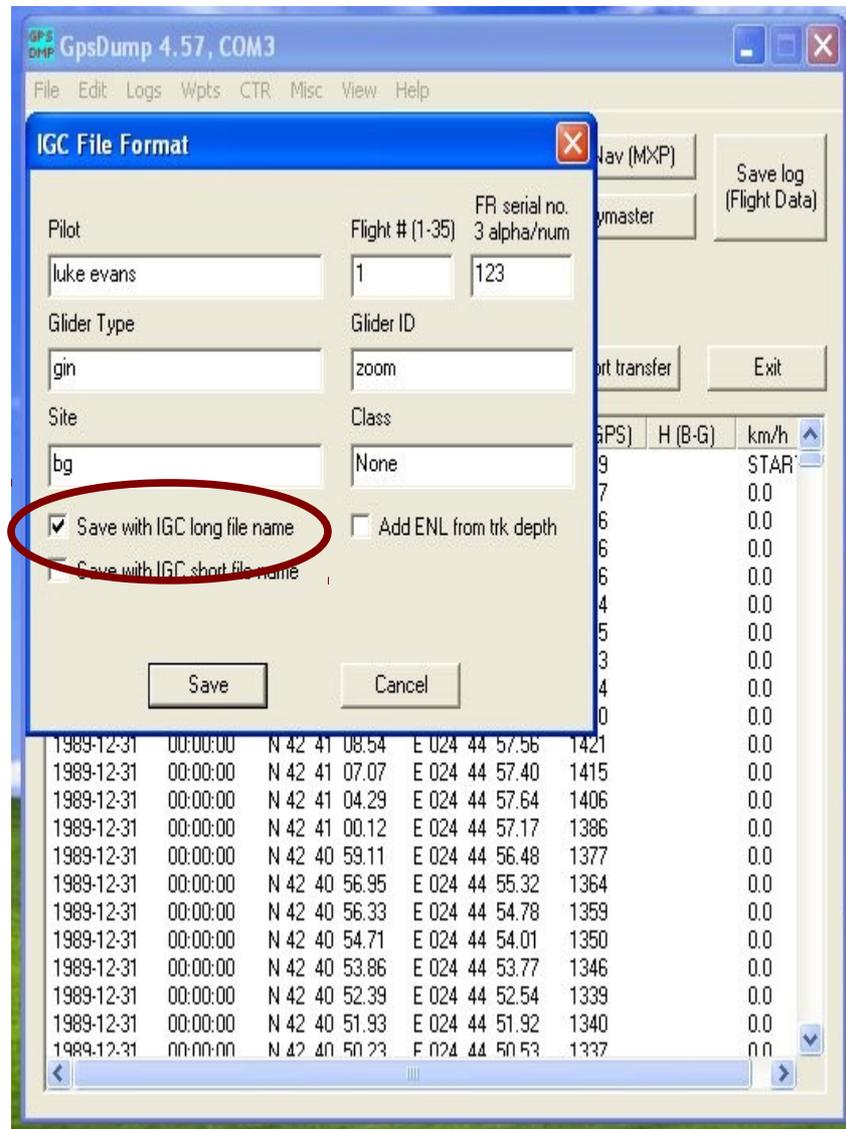
again select all your tracks (Ctrl + A)

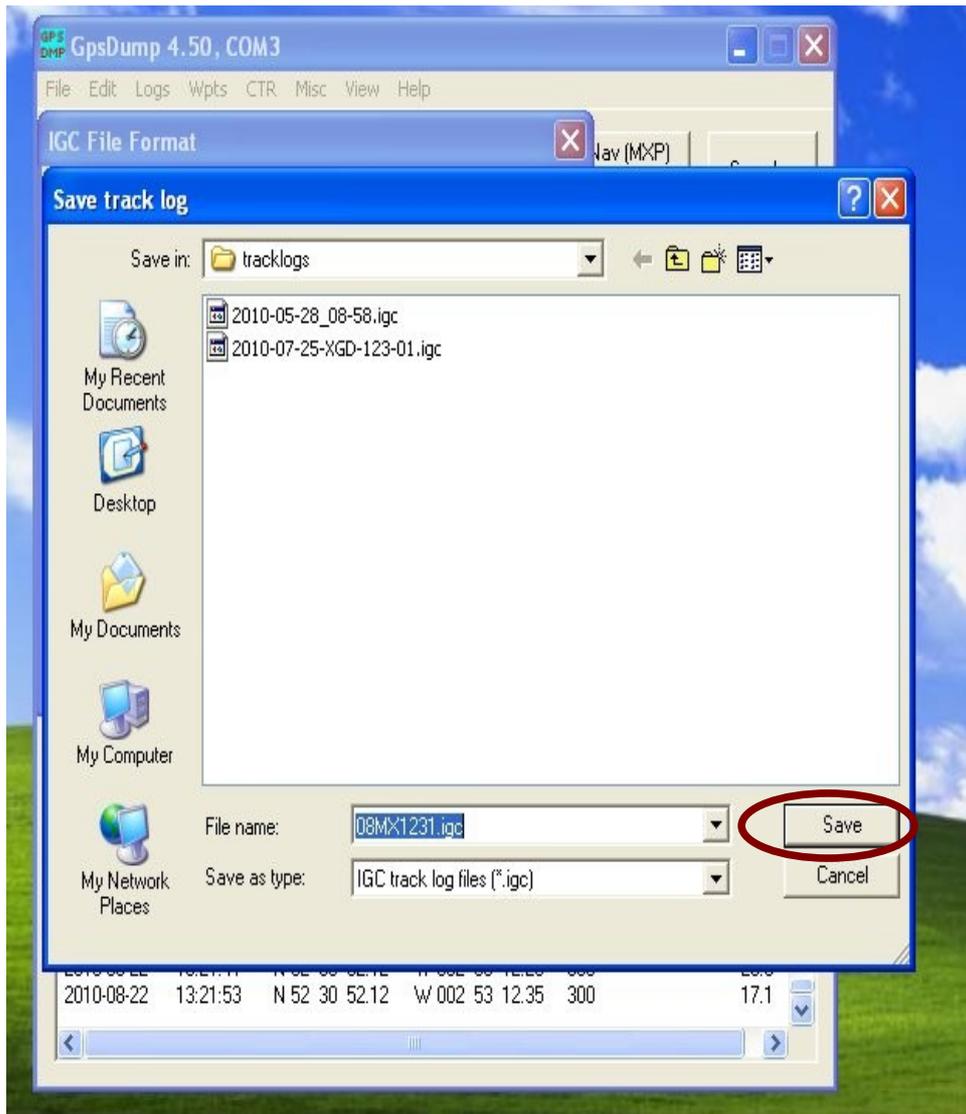
then File

Save log in IGC format

Fill your details in
ensure that you save as long file name
for the xc league

then save





The .igc file has a strange naming format, so I change mine to the date format as in the .kml

This is the answer from xcleague

The igc filename can be changed to what ever you want. It is best for pilots to select the Long-filename option (YYYY-MM-DD etc) as this is easier to read. The short filename was only designed for old computers that had a limit of 8 characters for filenames.

and that's you all done

now you can add your flights to the leagues

Quoting from xcleague email

The main difficulties people have is selecting the correct portion of their tracklog - the XC League software looks for a takeoff and landing position, but if it finds more than one of these it does not know which "flight" to use (I take a guess if there is just one short hop of say 5 minutes and then a 2 hour flight, but if there is a 2 hour soaring up and down a ridge flight, then a 2 hour xc over the back flight, the software has no way of knowing which to choose). You can set the Track gap filter to 60 seconds in GPSDump and provided you haven't got any genuine larger trackbreaks (through battery failure for example) the program will split your tracklog into a series of flights for you to choose from.

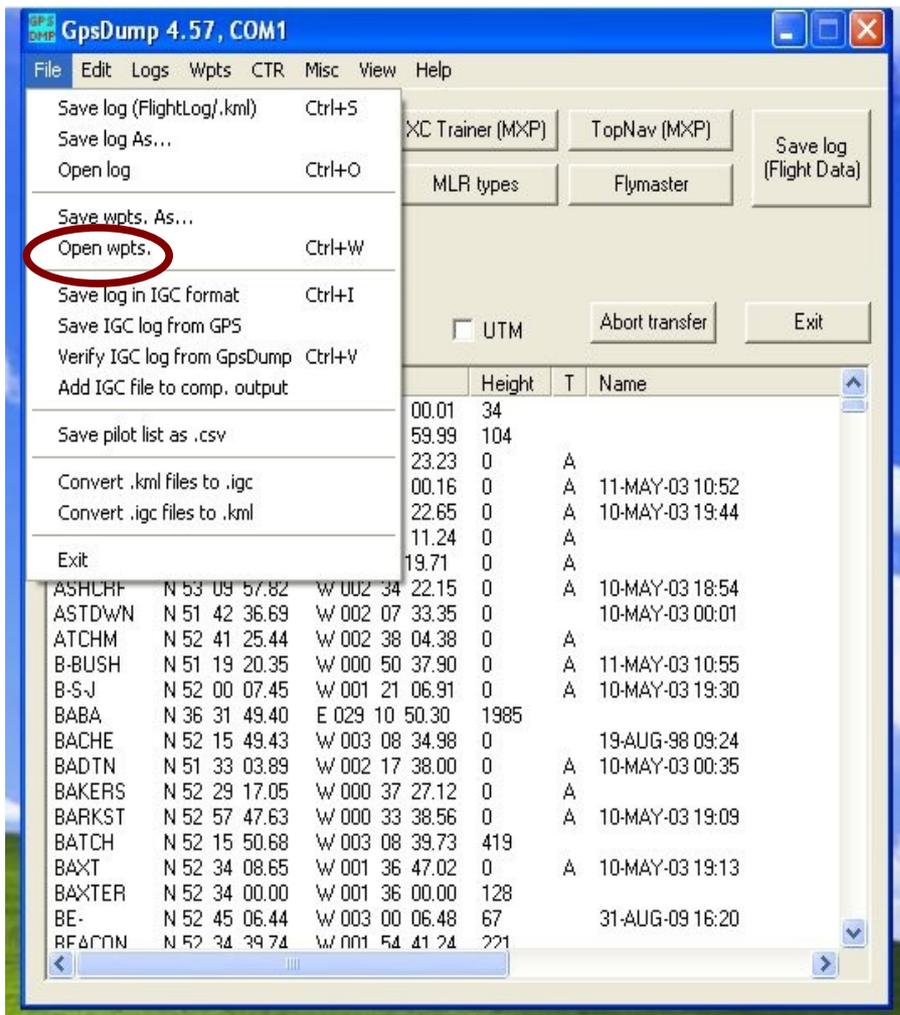


Good luck in all your flights
hopes this helps

You can also use Gpsdump to download and upload Waypoints

this maybe useful if you have upgraded your gps or a friend has lots of waypoints

the waypoints file can be in many different file types but I have them in .wpt



Go to the File menu – Open wpts

Go to your folder with saved waypoints
and select the file
press open
then Gpsdump uploads them to your gps

