

Sounds2Sound GPX Files- Guidance Notes

Introduction

These notes are to assist riders on the 2022 Sounds2Sound brevet ride. The GPX files are based on the best available information I've been able to gather; it is however always the rider's responsibility to navigate safely through the course.

The Route

The main route is a tad under 1,500km and has just under 21,000m of climbs. To keep me sane and allow Course Notes and a book to be produced the routes is split into these 21 sections.

Section	Start	End	km	Running total	Climb (m)	Descent (m)
1	Ship Cove	Anakiwa	69	69	2,040	2,035
2	Anakiwa	Blenheim (Taylors Dam)	66	135	418	354
3	Blenheim	Molesworth Station	109	244	2,202	1,404
4	Molesworth Station	Hanmer Springs	82	325	1,264	1,745
5	Hanmer Springs	Hurunui	63	388	502	670
6	Hurunui	Amberley	66	454	1,052	1,216
7	Amberley	Christchurch	58	512	194	228
8	Christchurch	Rolleston	31	543	146	116
9	Rolleston	Mount Somers	103	646	871	543
10	Mount Somers	Geraldine	59	705	420	597
11	Geraldine	Tekapo (MacKenzie Pass)	116	821	1,935	1,326
12	Tekapo	Twizel	55	876	724	975
13	Twizel	Lake Ohau	38	914	455	370
14	Lake Ohau	Omarama	44	958	778	899
15	Omarama via Homestead	Oturehua	79	1,037	1,232	1,156
16	Oturehua	Alexandra	60	1,097	357	720
17	Alexandra	Bannockburn	46	1,143	887	834
18	Bannockburn	Garston	74	1,217	2,057	1,950
19	Garston	Mossburn	60	1,277	543	551
20	Mossburn	Te Anau	91	1,368	513	602
21	Te Anau	Milford Sound	123	1,491	2,252	2,455
		TOTALS		1,491	-	20,746

There are also some Alternate Options that can be taken.

Section	Start	End	km	Running total	Climb (m)	Descent (m)
01-1	Ship Cove - Kenepuru Saddle	Anakiwa (FULL TRACK OPT)	70		2,491	2,484
02-1	Anakiwa - Picton/SH1	Blenheim (Taylors Dam)	65		717	654
07-1	Amberley - Oxford	Mt Somers	164		1,366	1,029
11-1	Geraldine	Tekapo (SH8 Burkes Pass)	108		1,740	1,159
11-2	Geraldine - Avoiding Tekapo	Twizel	144		1,861	1,513

These full route and options are shown Figure 1



Figure 1 Sounds2Sound 2022 All Route Sections and Options (Section Number, kms, metres of climb, From and To)

GPX Files

When making GPX files it is always a balance between detail and number of points and many GPS units struggle to handle files with more than 2,000 points. So, as well as providing one file for the full route and files for each of the 21 sections (and 5 Alternate Options) I have also provided the route split into five main segments each with under 2,000 points. (Figure 2). As well as the Main Route there are some Alternates Route Options that you may need to use.

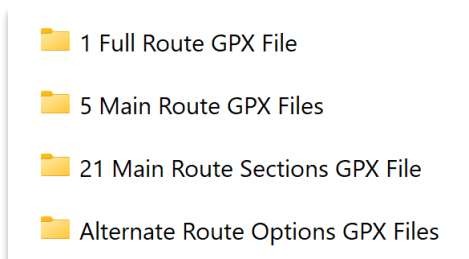


Figure 2 GPX File Folders

Simplest

If manipulating GPX files is something you are not skilled at I'd suggest that you use just use the files in these folders (Figure 2)

- '5 Main Route GPX Files'
- 'Alternate Route Options GPX Files'.

You will need to work out how load them onto your GPS!

Each of these files shows the *Section Number* (01-03), *length* (244km) *climb* (4,660m up) and the *Start* and *End* point. (Figure 3). The *Alternate Options* files are similar (Figure 4).



Figure 3 Example details on the '5 Main Route GPX Files'

-  01-1 070 2491 Ship Cove - Kenepuru Saddle to Anakiwa (FULL TRACK OPTION)
-  02-1 065 717 Anakiwa - Picton_SH1 to Blenheim (Taylors Dam)
-  07-2 164 1366 Amberley - Oxford to Mt Somers + River Crossing
-  11-1 108 1740 Geraldine to Tekapo (SH8 Burkes Pass) + River Crossing
-  11-2 144 1861 Geraldine - Avoiding Tekapo to Twizel + River Crossing

Figure 4 Alternate Route Options GPX Files

Slightly more work

If you don't want to edit files but want to use smaller lengths, then use the '21 Main Route Sections GPX File' and 'Alternate Route Options GPX Files'. Each of these files shows the *Section Number* (01), *length* (69km) *climb* (2,040m up) and the *Start* and *End* point. They all start and end at key locations and may tie into places you are staying.

-  01 069 2040 Ship Cove to Anakiwa
-  02 066 418 Anakiwa to Blenheim (Taylors Dam)
-  03 108 2202 Blenheim to Molesworth Station
-  04 082 1264 Molesworth Station to Hamner Springs
-  05 063 502 Hamner Springs to Hurunui
-  06 066 1052 Hurunui to Amberley

Figure 5 Example details of '21 Main Route Sections GPX File'

Advanced

Depending on your skills with GPX files you can combine / trim / edit the 1 *Full Route GPX Files* and '*Alternate Route Options GPX Files*' to produce your own route from the 10,000 point 1 '*Full Route GPX File*'. Good luck!



Figure 6 Full GPX routes as one file

Questions

Please direct any questions to the Sounds2Sound Facebook pages and I'll answer them there.

Copyright

The GPX files are copyright and only being provided to registered 2022 Sounds2Sound brevet riders; please do not share the link or files with any other people or upload them onto GPX sharing platform. Later in March some GPX files will be made available for others to use. Thank you.

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