

Run

```

In[*]:= $AlbumDirectory = "C:\\drorbn\\Album\\2026.04.19_Bruce_Hike_47-_Sideroad_22";

In[*]:= res = 800;
fs = FileNames[$AlbumDirectory <> "/*.gpx"];
fs = Complement[fs,
  Union[
    StringReplace[{"@.gpx" -> ".gpx", "@.kml" -> ".kml"}] /@
    Select[fs, StringPart[#, -5] == "@" &]
  ]
];
data = DeleteCases [
  Union@Table["Geometry" /. Import[f, "Data"], {f, fs}],
  GeoPosition[[_ , None]], ∞
];
map0 = GeoGraphics[{Red, data}, GeoScaleBar -> "Kilometers", ImageSize -> res];
AllTracks = Get["C:\\drorbn\\Album/Summaries/AllTracks.m"];

In[*]:= Rasterize [
  map = GeoGraphics[{Thickness[0.0016], Blue, AllTracks, Thickness[0.0024], Red, data},
    GeoScaleBar -> "Kilometers",
    ImageSize -> res,
    GeoRange -> (GeoRange /. Options[map0])
  ],
  RasterSize -> res
];
Export[$AlbumDirectory <> "/Path%.png", map];

In[*]:= map3D = Echo@ResourceFunction["GeoElevationGraphics3D"] [
  {Thick, Blue, AllTracks, Red, data},
  GeoGridRangePadding -> 0,
  GeoScaleBar -> "Kilometers",
  ImageSize -> res,
  GeoRange -> (GeoRange /. Options[map0])
];
Export[$AlbumDirectory <> "/Path3D.png", map3D]

```

```

In[*]:= PathsLocation = Module[{R = 3000, r = 8, n = 6, res = 1000},
  ImageAssemble[
    Partition[#, 3] &@Table[
      Rasterize[
        GeoGraphics[
          {Blue, Thickness[(2 n - k) / 4000], AllTracks, Red, Thickness[(2 n - k) / 1500], data},
          GeoCenter → Mean@Cases[data, GeoPosition[L_List] ⇒ Mean[L], ∞],
          GeoRange → Quantity[R (r / R)(k-1) / (n-1), "Kilometers"],
          GeoScaleBar → "Kilometers",
          ImageSize → res
        ],
        RasterSize → res
      ],
      {k, n}],
    "Fit", Background → White]
  ]
Export[$AlbumDirectory <> "/PathLocation.png", PathsLocation]

In[*]:= imgs = FileNames["*.jpg", $AlbumDirectory];
map = GeoGraphics[{
  GeoMarker[
    GeoPosition[{1, -1} * Lookup[Import[#, "Exif"], {"GPSLatitude", "GPSLongitude"}]],
    Graphics@Rasterize[Import[#, RasterSize → res],
    "Scale" → 0.0075
  ] & /@ imgs,
  Thickness[0.0016], Blue, AllTracks, Thickness[0.0024], Red, data
},
GeoScaleBar → "Kilometers",
ImageSize → res,
GeoRange → (GeoRange /. Options[map0])
]
Export[$AlbumDirectory <> "/PathWithImages.png", map]

```

Image Directory

```

If[Head[PensieveDirectives] === List,
  ImageComments = "ImageComments" /. PensieveDirectives, ImageComments = {}];
(Interpretation[ImageResize[Import@#, 400], #] → (# /. ImageComments /. (# → ""))) & /@
FileNames["*.jpg" | "*.jpeg" | "*.png" | "*.mp4", $AlbumDirectory]

```

Export

16.3km hiking and 9.7km biking back (riding Marli). About half of the hike was on roads (parts of the Bruce are like that) and it snowed lightly a part of the time, and yet, it was a nice day.

```
PensieveDirectives = {  
  "TitleNotes" → "16.3km hiking and 9.7km biking back (riding  
    <a href=../Equipment/Marli/index.html>Marli</a>). About half of  
    the hike was on roads (parts of the Bruce are like that) and it  
    snowed lightly a part of the time, and yet, it was a nice day.",  
  "ImageComments" → {}  
}
```