

Run

```

In[*]:= $AlbumDirectory = "C:\\drorbn\\Album\\2026.03.14_Hamilton_-_Grimsby_Ride";

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"];

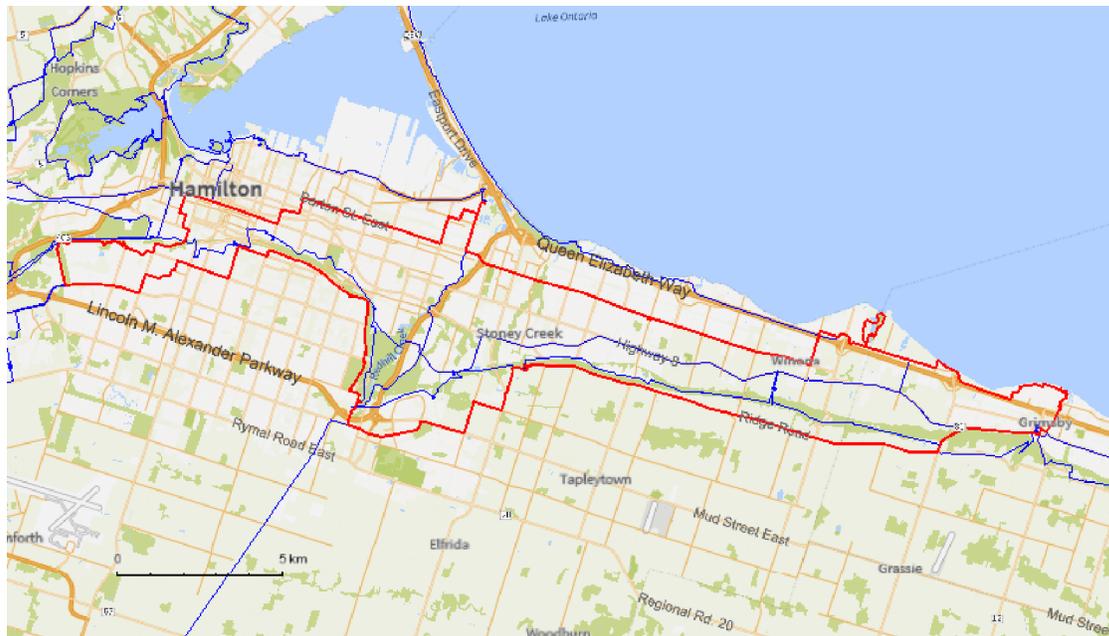
Out[*]=
{C:\\drorbn\\Album\\2026.03.14_Hamilton_-_Grimsby_Ride\\2026-03-14_2827428166_Hamilton
- Grimsby Ride.gpx}

» C:\\drorbn\\Album\\Summaries
» C:\\drorbn\\Album\\Summaries

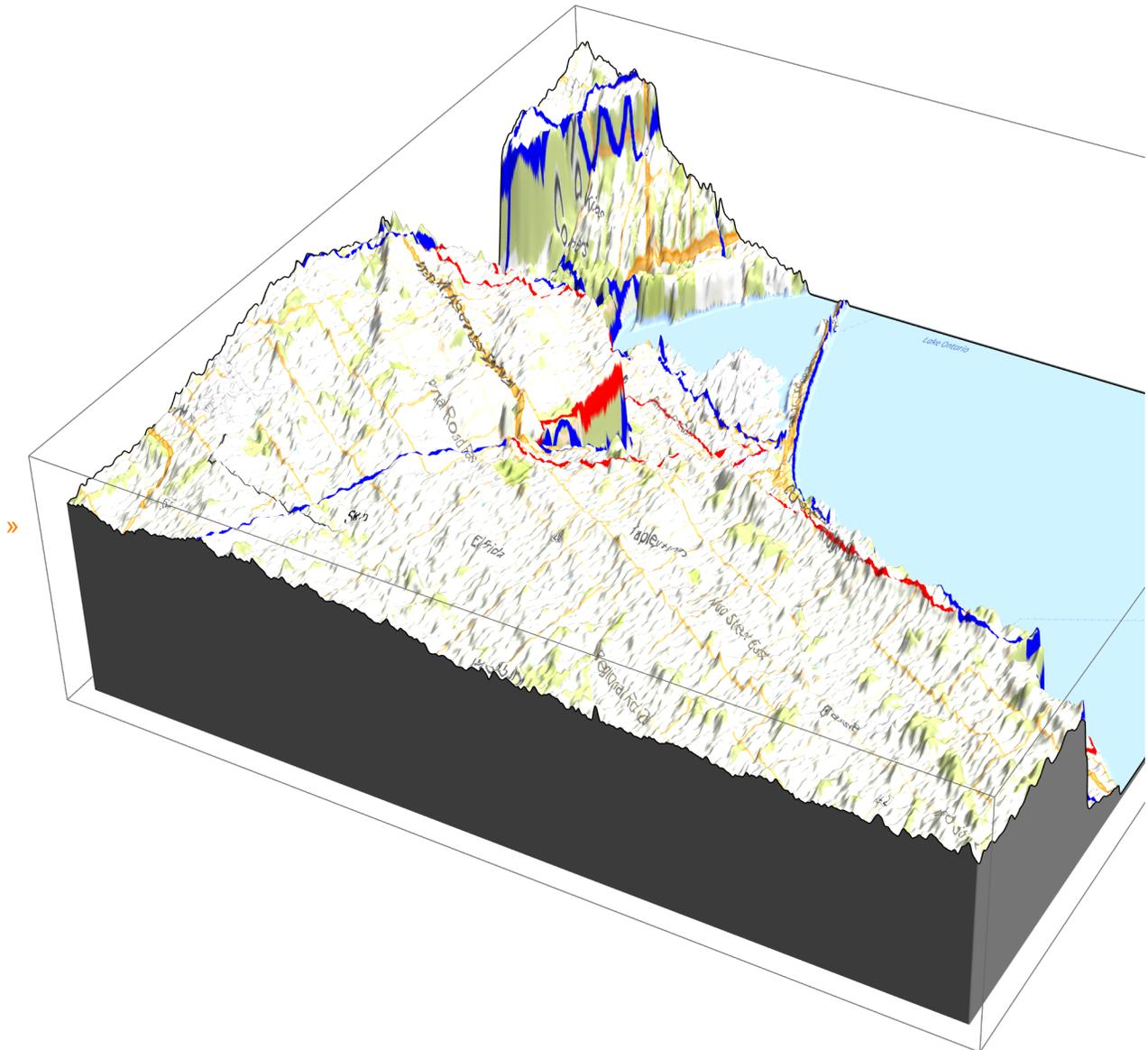
```

```
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];
```

Out[*]=



```
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]
```



Out[*]=

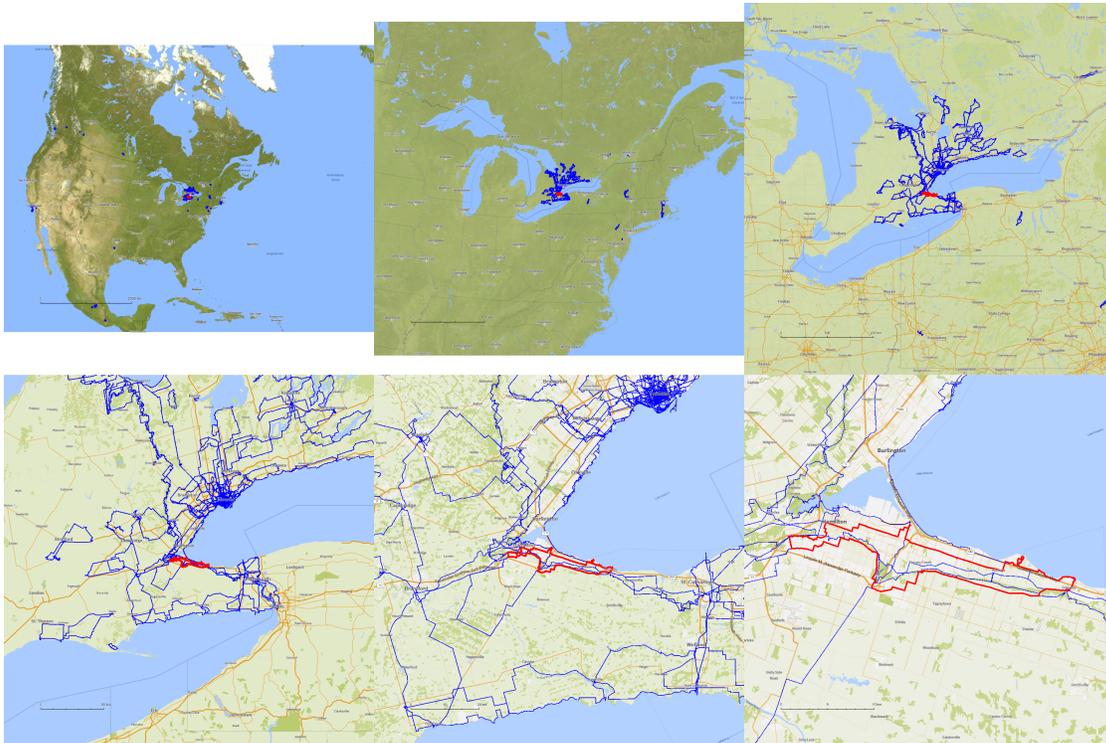
C:\drorbn\Album\2026.03.14_Hamilton_-_Grimsby_Ride/Path3D.png

```

In[*]:= PathsLocation = Module[{R = 3000, r = 20, 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]

```

Out[*]=



Out[*]=

C:\drorbn\Album\2026.03.14_Hamilton_-_Grimby_Ride/PathLocation.png

```

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

88km on a windy day, with 360m of climbs, riding Kona.

```

PensieveDirectives = {
  "TitleNotes" → "88km on a windy day, with 360m of
    climbs, riding <a href=../Equipment/Kona/index.html>Kona</a>.",
  "ImageComments" → {}
}

```