

```

In[*]:= folder =
  "C:\\drorbn\\AcademicPensieve\\Album\\2022.02.19_Hike_to_Burbank_Peak,_Mount_Lee,_the
    _Hollywood_Sign_and_Lake_Hollywood";
SetDirectory[folder];
fs = Echo@FileNames["*.gpx"];
data = Union@Table["Geometry" /. Import[f, "Data"], {f, fs}];
path = Echo@GeoGraphics[{Red, data},
  GeoGridRangePadding -> 0,
  GeoScaleBar -> "Kilometers"
];
(*Export["path.png", path] *)
PathLocation = Module[{R = 3000, r = 8, n = 6, res = 600},
  ImageAssemble[
    Partition[#, 3] &@Table[
      Rasterize[
        GeoGraphics[{Red, Thick, 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["PathLocation.png", PathLocation]
» {2022-02-19_11-22_Sat.gpx}

```

ⓘ Union: Heads List and GIS'DisjointBoxes at positions 2 and 1 are expected to be the same.

ⓘ Part: The expression

Union[GIS'DisjointBoxes[{{{ -1.81458 × 10⁶, 556905.}, { -1.8145 × 10⁶, 556995.}}, {{-<<22>>, <<18>>}, {-<<22>>, <<18>>}}, {{-1.814⁶. 61 × 10⁶, 557370.}, { -1.81453 × 10⁶, 557412.}}, <<1>>], 0] cannot be used as a part specification.

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ⓘ General: Further output of Part::pkspec1 will be suppressed during this calculation.

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ⓘ Union: Heads List and GIS'DisjointBoxSets at positions 2 and 1 are expected to be the same.

General: Further output of Union::heads will be suppressed during this calculation.

Extract: Position specification Union[GIS`DisjointBoxSets[{{GIS`LineBoxSet[350][GIS`RotatedBox[{{-1.81467 × 10⁶, 557213.}, {-1.81464 × 10⁶, 557249.}}, 0., {-1.81465 × 10⁶, 557231.}], <<9>>, <<3>>, <<1>>}, Join[<<1>>, {0, 105.}], {}] in Extract[{{System`GeoGraphicsDump`GeoLabelLineBox[350][System`GeoGraphicsDump`GeoLabelDataBox[{{Inset[Image[N`:

umericArray[Type: UnsignedInteger16
Dimensions: {23, 24, 4}],
 Bit16, Rule[<<2>>], Rule[<<2>>], Rule[<<2>>], Rule[<<2>>], {-118.341, <<18>>}, Center, Offset[{{<<2>>}], <<1>>},
 <<1>>}, <<9>>, <<3>>}, <<1>>}, <<1>>] is not applicable.

Extract: Position specification

Union[GIS`DisjointBoxSets[{{GIS`LineBoxSet[350][GIS`RotatedBox[{{-1.81467 × 10⁶, 557213.}, {-1.81464 × 10⁶, 557249.}}, 0., {-1.81465 × 10⁶, 557231.}], <<9>>, <<3>>, <<1>>}, Join[<<1>>, {0, 105.}], {}] in Extract[{{GIS`LineBoxSet[350][GIS`RotatedBox[{{-1.81467 × 10⁶, 557213.}, {-1.81464 × 10⁶, 557249.}}, 0., {-1.81465 × 10⁶, 557231.}], <<9>>, <<3>>}, GIS`LineBoxSet[350][<<1>>], Union[<<19>>[<<1>>], {}] is not applicable.

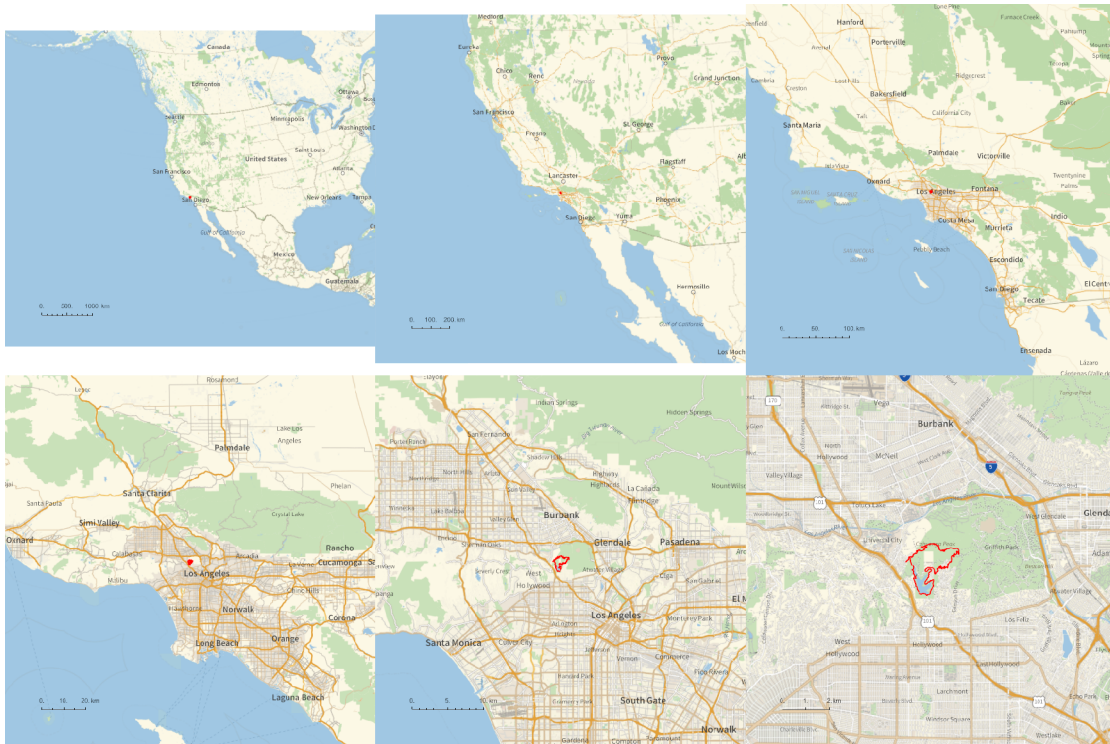
Extract: Position specification

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General: Further output of Extract::psl1 will be suppressed during this calculation.



Out[]=



Out[]=

PathLocation.png

```
{  
  "TitleNotes" → "About 13km, with Assaf, Itai, and Sarah.",  
  "ImageComments" → {}  
}
```