

## How to create a visibility index

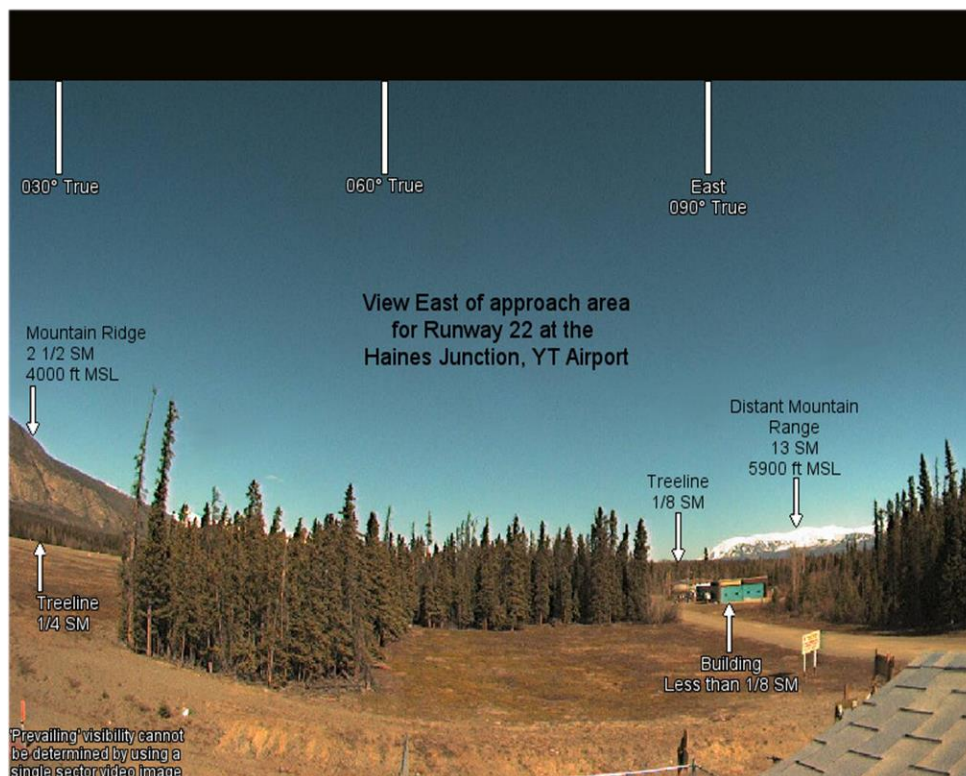
You can follow the steps below to create your own visibility index or visit [Environment Canada](https://www.ec.gc.ca/environnement) as they record visibility for some locations in the Yukon.

### What you need:

- Camera
- GPS
- Google Earth

### Create a visibility index

1. On a clear sunny day, find a spot in or near town with a good line of sight up to 35 km.
2. Take several photographs along the line of sight.
3. Record the spot on your GPS
4. Identify prominent landmarks at the following approximate straight-line distances:
  - a. 3.5 km
  - b. 8 km
  - c. 35 km
5. The distance to nearby landmarks may be measured by GPS, while more distant landmarks may be measured on Google Earth.
6. Annotate your photograph with labels depicting your landmarks and their distance from the camera. This may be done using Microsoft Paint or other image editing software.
7. On smoky days, this image may be used as a reference to estimate the level of smoke (particulate matter) in the air.



Example of a visibility index from NavCanada