

Figure 1: An enclosed site's sky view (image from the center area of the Wabooz Garden). Note the proportion of sky vs buildings vs vegetation.

The photo was taken using a fish-eye lens camera on Jan. 26, 2013 at ~ 2 pm. The camera is pointing upward (at the sky) and set up ~ 1.3 meters from the ground. Standard weather station observation heights are between 1.2 and 1.5 meters from the ground.





Figure 2: This sky view image shows how a person can affect sky views. The person is standing within a meter of the lens with their hand about 10 cms above it.

Use this image to appreciate how people standing in the area may affect instrument readings for pyranometers, pyrogeometers, and net radiometers.

Photo: C. Jackson



Figure 3: A ground-view image of the snow dump site near Parking Lot C. This is a very unobstructed site. The photo taken on Jan. 26, 2013, at 3:45 PM. The image is from ~ 1.3 meters high (remember, standard observing heights are between 1.0 and 1.2 meters).

Notice that the camera was not exactly level (sky shows on one side of the image).

Also notice that there are 2 people in the photo. The person in the center was holding the camera. The person on the periphery was about 25 meters away.

Use this image to appreciate how people in the area may affect the instrument readings.

Photo: P Jackson