

Brightness Temperature (°C)

L 13

37

Satellite image of the urban heat islands of major cities in the northeast United States, September 27, 2005. A 3.9  $\mu$ m channel was used to detect relatively cold and warm surfaces and thereby show the extents of the urban heat islands around cities such as New York, Washington, DC, and Richmond. (Data from the Imager instrument on the GOES 12 satellite.)