

Normalized Land Surface Temperature UHI Indicator

The night time land surface temperature can be used as a UHI indicator. In this case we used Google Earth Engine and collected the mean night time temperature from the Terra satellite's imaging spectroradiometer sensor with a 1km resoltution between the period of 2022-06-21 to 2022-08-21.

UHI Indicators

Normalized LST (night) low = 0, high = 1 0 - 0.383

0.383 - 0.447

0.447 - 0.735

0.735 - 0.873

0.873 - 1

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Source: Frederick (22/05). Retrieved from: https://ladsweb.modaps.eosdis.nasa.gov /missions-and-measurements/products/MOD11A2