

MODIS data

The data is structured as a .csv file one for each year of the calendar year. Each .csv file has the following columns

Year – calendar year 2001 or 2019

Day – day in calendar year starting with 0 as 1st Jan.

Easting, Northing – these are the easting and northing of the SW corner of each measurement in British National

Grid and covers the four grid squares that cover the Low Burnhall site.

LST_day – this data is the land surface temperature measured at 10am each morning – units are K with zeros being no data.

LST_night – this data is the land surface temperature measured at 1 am each morning – units are K with zeros being no data.

NDVI – normalised difference vegetation index, on a scale from 0 to 1 – higher values are more green vegetation.

EVI – enhanced vegetation index, on a scale from 0 to 1 – higher values are more green vegetation and EVI is meant to be a better measure than NDVI.