



County of Orange
PublicWorks



Normalized Difference Vegetation Index (NDVI)
Alton Wildlife Corridor

OC SURVEY

August 28, 2024

The Normalized Difference Vegetation Index (NDVI) is a measure of the amount and vigor of vegetation on the land surface and NDVI spatial composite images are developed to more easily distinguish green vegetation from bare soils.

In general, NDVI values range from -1.0 to 1.0, with negative values indicating clouds and water, positive values near zero indicating bare soil, and higher positive values of NDVI ranging from sparse vegetation (0.1 - 0.5) to dense green vegetation (0.6 and above).

SOURCE: USDA - <https://ipad.fas.usda.gov/cropexplorer/Definitions/spotveg.htm>