

DATA DICTIONARY (Forest Cover Type)

Name / Data Type / Measurement / Description

Elevation / quantitative / meters / Elevation in meters

Aspect / quantitative / azimuth / Aspect in degrees azimuth

Slope / quantitative / degrees / Slope in degrees

Horizontal_Distance_To_Hydrology / quantitative / meters / Horz Dist to nearest surface water features

Vertical_Distance_To_Hydrology / quantitative / meters / Vert Dist to nearest surface water features

Horizontal_Distance_To_Roadways / quantitative / meters / Horz Dist to nearest roadway

Hillshade_9am / quantitative / 0 to 255 index / Hillshade index at 9am, summer solstice

Hillshade_Noon / quantitative / 0 to 255 index / Hillshade index at noon, summer solstice

Hillshade_3pm / quantitative / 0 to 255 index / Hillshade index at 3pm, summer solstice

Horizontal_Distance_To_Fire_Points / quantitative / meters / Horz Dist to nearest wildfire ignition points

Wilderness_Area (4 binary columns) / qualitative / 0 (absence) or 1 (presence) / Wilderness area designation

Soil_Type (40 binary columns) / qualitative / 0 (absence) or 1 (presence) / Soil Type designation

Cover_Type (7 types) / integer / 1 to 7 / Forest Cover Type designation

Source: <https://archive.ics.uci.edu/ml/datasets/covertypes>
