

LANDFIRE Annual Disturbance Attribute Data Dictionary

In the LF 2024 Update, new fields and revisions to Annual Disturbance attribute tables were introduced. Find a crosswalk of old to new fields by version at <https://landfire.gov/disturbance/annualdisturbance>.

Attribute	Description
VALUE	
0 to 2733	1-4 digit code representing the general category of the disturbance (combination of disturbance type and confidence information based on data sources), disturbance type, and severity.
-9999	Fill - NoData
0	Background
FISCAL_YR	Approximate fiscal year in which the disturbance occurred.
CALENDAR_YR	Approximate (due to LANDFIRE Events Geodatabase year or image timing) calendar year in which the disturbance occurred.
DIST_TYPE	A general category of disturbance derived from the dist_type attribute in the disturbance grids. See the attribute table for exact types.
TYPE_CONFIDENCE	This field was discontinued with the LF 2024 Update and onward. Classification level of confidence in the assignment of disturbance type.
Low (1)	Low confidence for causality based upon source information.
Medium (2)	Medium confidence for causality based upon source information.
High (3)	High confidence for causality based upon source information.
SEVERITY	Classification level of disturbance associated with effect on landcover
Low (1)	General classification level associated with low effect on landcover
Medium (2)	General classification level associated with medium effect on landcover
High (3)	General classification level associated with high effect on landcover
Unburned/Low	Areas that were not affected by fire. May include areas that were not in the fire's path, areas that were suppressed, or areas that were too wet to burn.
Increased Green	Areas that burned as a low intensity surface fire and have since resprouted. The vegetation in these areas may be different from the vegetation that was there before the fire.
SEV_SOURCE	Severity Source
Source	Event attribute
Source	MTBS
Source	RAVG
Source	BARC
Source	dNBR (Std Dev Breaks)

Attribute	Description
SEV_CONFIDENCE	This field was discontinued with the LF 2024 Update and onward. Confidence is evaluated based on the input data sources. For example, a mapped wildfire disturbance identified in the LANDFIRE Events Geodatabase and Landsat image change detection would have a higher confidence than a disturbance identified by Landsat image change detection only since the cause is unknown.
Low	General confidence in the mapped disturbance is low due to lack of information relative to assignment of causality and/or severity.
Medium	General confidence in the mapped disturbance is medium due to the availability of some information relative to assignment of causality and/or severity, but more information is warranted in order to have increased confidence.
High	General confidence in the mapped disturbance is high due to the availability of specific information relative to assignment of causality and/or severity.
PRIMARY or SECONDARY_SOURCE (previously SOURCE1 - SOURCE4)	A combination of the following source inputs: 1) Fire data source (MTBS, BAER, NPS, or RAVG), 2) LANDFIRE Public Events Geodatabase polygons, 3) Landsat change detection, 4) PAD GAP Status polygons, 5) dNBR (differenced NBR), 6) Burned Area Essential Climate Variable (BAECV) 6) Decision Tree Modeled by LANDFIRE 7) LANDFIRE-Mapped Image-based change detection
DESCRIPTION	Description of the classification method.
R	Red color value range/255
G	Green color value range/255
B	Blue color value range/255
RED	Red color value range 0 - 1
GREEN	Green color value range 0 - 1
BLUE	Blue color value range 0 - 1