

## **FDistPowerLaw**

FDistPowerLaw is a utility to produce a Power Law distribution of large fire days from an existing FDist (Large Fire Distribution) file. A Power Law distribution is useful for both increasing the possibilities for a larger than observed maximum number of fires per day and filling in 'holes' in observed data.

The power law distribution is added to the end of the file. **This is for informational purposes only!** The original distribution will be used in FSim unless the **PowerLawMaxFires:** switch is used with a number greater than zero.

Please note that as of version B1.25 (January, 2020) FSim will now read the number of fires column in an FDist file as a floating point value. You may safely copy the information in the Power Law distribution of the generated FDist file and replace the observed data in the FDist file with the Power Law distribution floating point numbers, and FSim will read the values as floating point. Doing this the user need not utilize the **PowerLawMaxFires:** switch in FSim, but simply replace the original FDist file with the newly generated and edited FDist file.