

Table 1: Sources for GIS data.

Data type	Units	Pixel size	Source	Source URL
Rainfall	mm*y ⁻¹	250 m ²	Rainfall atlas of Hawai‘i	rainfall.geography.hawaii.edu
Evapotranspiration	mm*y ⁻¹	250 m ²	Evapotranspiration of Hawai‘i	evapotranspiration.geography.hawaii.edu
Leaf area index	index	250 m ²	Evapotranspiration of Hawai‘i	evapotranspiration.geography.hawaii.edu
Wet Canopy Evaporation	mm*y ⁻¹	250 m ²	Evapotranspiration of Hawai‘i	evapotranspiration.geography.hawaii.edu
Transpiration	mm*y ⁻¹	250 m ²	Evapotranspiration of Hawai‘i	evapotranspiration.geography.hawaii.edu
Solar radiation	W/m ²	250 m ²	Evapotranspiration of Hawai‘i	evapotranspiration.geography.hawaii.edu
Relative humidity	%	250 m ²	Evapotranspiration of Hawai‘i	evapotranspiration.geography.hawaii.edu
Air temperature	°C	250 m ²	Evapotranspiration of Hawai‘i	evapotranspiration.geography.hawaii.edu
Cloud frequency	ratio	250 m ²	Evapotranspiration of Hawai‘i	evapotranspiration.geography.hawaii.edu
Elevation	m	10.3 m ²	National elevation dataset	lta.cr.usgs.gov/NED
Slope	Degrees	10.3 m ²	Calculated from elevation	N/A (calculated from elevation)
Aspect	Degrees	10.3 m ²	Calculated from elevation	N/A (calculated from elevation)
NDVI	index	250 m ²	Evapotranspiration of Hawai‘i	evapotranspiration.geography.hawaii.edu