

Layer Name: OtherStations, StationsNotUsedInAtlas.shp

Layer Type: Point

Status: Complete

Geog. Extent: Islands of Hawai'i, Kaho'olawe, Kaua'i, Lāna'i, Maui, Moloka'i and O'ahu

Projection: Geographic Coordinate System

Datum: World Geodetic System 1984 (WGS84)

Description: Raingages that have operated in Hawai'i at various times but were not used in the Rainfall Atlas analysis for various reasons.

Source: 2011 Rainfall Atlas of Hawai'i, <http://rainfall.geography.hawaii.edu/>

History: As part of the Rainfall Atlas project, a large effort was made to improve station coordinates. Coordinates were updated from the Old Hawaiian Datum, and multiple sources (including the GIS layer produced by DLNR in 1997) and methods were used to correct discrepancies and errors in locations. We acknowledge that there are probably still many errors in the dataset, but these are the most accurate and up-to-date coordinates at this time.

Please see Rainfall Atlas final report appendix for full method details:  
<http://rainfall.geography.hawaii.edu/downloads.html>

Attributes: Points

SKN	State Key Number (unique identifying number for each station)
Name	Name of raingage station*
Lat_DD	Latitude in decimal degrees
Lon_DD	Longitude in decimal degrees
LatDeg	Latitude degrees (DMS – degree-minute-seconds – format)
LatMin	Latitude minutes (DMS format)
LatSec	Latitude seconds (DMS format)
LonDec	Longitude degrees (DMS format)
LonMin	Longitude minutes (DMS format)
LonSec	Longitude seconds (DMS format)
NorthingY	UTM Zone 4 (Meters) Northing (Y) coordinates
EastingX	UTM Zone 4 (Meters) Easting (X) coordinates
ElevFT	Elevation in Feet
ElevM	Elevation in Meters
Observer	Station observer name
MinYear	Minimum year on record (year established)

MaxYear        Maximum year on record (year discontinued). “Present” means the  
                  MaxYear is  $\geq$  2007.  
StationSta     Station Status: Current, Discontinued, or Virtual  
DataSource    Summary of the data sources

\*The coordinates are only given to two decimal places at the request of the observer

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