

Notice to Data Users:
The documentation for this data set was provided solely by the Principal Investigator(s) and was not further developed, thoroughly reviewed, or edited by NSIDC. Thus, support for this data set may be limited.

SMEX03 Geolocation Information: Georgia

This data set is comprised of geolocation information for SMEX03 rainfall network and gravimetric sampling locations conducted in the SMEX03 North American regional study area of Georgia, USA. Geolocation information is also provided for rain gauge sites in the Little River (LR) micronet located within the state of Georgia. Coordinates were obtained 1 July 2003 using Global Positioning System (GPS) measurements. The volume of the data set is approximately 30 kilobytes.

The Data

Two sets of coordinates for SMEX03 rainfall network and gravimetric sampling locations are included in this data set: Georgia regional site coordinates, and Little River (LR) rain gauge site coordinates.

Georgia regional site coordinates are provided in UTM Easting and Northing coordinates in meters. Little River (LR) rain gauge site coordinates are provided in both Latitude and Longitude (decimal degrees) and in UTM Easting and Northing coordinates. Datums for Rain Gauge (RG) sites RG08 through RG68 are the North American Datum 1983 (NAD83) and the North American Geodetic Vertical Datum 1988 (NGVD88); coordinates were surveyed from top of the rain gauge for elevation. The datum for the RG69 site is the World Geodetic System 1984 (WGS84); coordinates were collected with hand-held Global Positioning System (GPS) devices.

The Files

Files are in ASCII text format and Microsoft Excel, and contain the Latitude and Longitudes and/or the UTM Easting and Northing points in meters. **Note:** These files do not explain in detail the data retrieved at the sites, only their location. Please see individual data sets for details.

File Name	Description
Regional_Sites.txt	Georgia study area boundaries
Rain_Gauge_Coordinates.xls	Little River rain gauge locations

Contact

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