Table Schema for watersheds.csv

**Huc12:** National Hydrology Dataset (NHD) unique identifier.

**Name:** NHD unique name

**Pf\_mean:** Mean permafrost probability within the watershed calculated using QGIS zonal statistics between NHD watersheds and Obu et al., 2019.

**Pf\_median:** Median permafrost probability within the watershed calculated using QGIS zonal statistics between NHD watersheds and Obu et al., 2019.

**Pf\_stdev:** Standard deviation of permafrost probability within the watershed calculated using QGIS zonal statistics between NHD watersheds and Obu et al., 2019.

**Pf\_min:** Minimum permafrost probability within the watershed calculated using QGIS zonal statistics between NHD watersheds and Obu et al., 2019.

**Pf\_max:** Maximum permafrost probability within the watershed calculated using QGIS zonal statistics between NHD watersheds and Obu et al., 2019.

**Pf\_range:** Range of permafrost probability within the watershed calculated using QGIS zonal statistics between NHD watersheds and Obu et al., 2019.

**Elv\_mean:** Mean elevation within the watershed calculated using QGIS zonal statistics of 3DEP 1 arc second DEM.

**Elv\_median:** Median elevation within the watershed calculated using QGIS zonal statistics of 3DEP 1 arc second DEM.

**Elv\_min:** Minimum elevation within the watershed calculated using QGIS zonal statistics of 3DEP 1 arc second DEM.

**Elv\_max:** Maximum elevation within the watershed calculated using QGIS zonal statistics of 3DEP 1 arc second DEM.

**Elv\_range:** Elevation range within the watershed calculated using QGIS zonal statistics of 3DEP 1 arc second DEM.

**Pfextent:** Permafrost classes calculated from mean permafrost extent using the same thresholds as Obu et al., 2019.

**LGM**: Classification if watershed centroid is located within the glaciated extent of the Last Glacial Maximum.

**MI6:** Classification if watershed centroid is located within the glaciated extent of the MI6 late Miocene glaciation.

**Glacial:** Classification combining LGM and MI6 separating watersheds into previously unglaciated during eras, or postglacial.

**Texture:** Classification based on the dominant surficial geologic substrate texture based on Jorgenson et al., 2008. Sandy and silty are combined to ‘fine’ substrate texture.

**Pd:** Combination of glacial and texture classes.

**Lake\_area**: total ALPOD lake area in km2.

**Lake\_med**: Median ALPOD lake size in km2.

**Lake\_mean:** Mean ALPOD lake size in km2.

**Lake\_min:** Minimum ALPOD lake size in km2.

**Lake\_Max:** Maximum ALPOD lake size in km2.

**Lake\_count**: Number of ALPOD lakes.

**Areakm**: Watershed area in km2.

**lakeFrac:** Fraction of watershed area covered by ALPOD lakes.

**Terr\_class**: Combination of glacial history, texture, and permafrost class.

**Shoreline:** Total perimeter of ALPOD lakes.