Exhibit Name: Geospatial Data Sources
Exhibit Number: P107
Record Name:
Record Code:

Reinsurance Year: 2027
Version: Draft
Draft Date: 10/1/2026

The purpose of this annual memo is to provide Approved Insurance Providers (AIP) with a list of geospatial data sources, their locations, and a brief description of the layer for use during the Reinsurance Year. The geospatial information identified within this guide are considered authoritative and are to be used as the primary source of data for any agency geospatial work activities, including layer maintenance, geospatial publications (including paper and digital maps), web applications, and geospatial analysis.

Data sources available on the AIP Hosted FTP Server are limited to authorized users covered under the Standard Reinsurance Agreement and each AIP's Plan of Operation.

DATA LAYER(S)	LOCATION	CONTENTS
2025 Census Bureau State Boundary	https://www2.census.gov/geo/tiger/TIGER2025/STATE/tl_2025_us_state.zip	**Data Description:** The Census State Boundary represents a seamless national state file with no overlaps or gaps between parts. State Boundaries are derived from the 2024 Census Bureau County Boundary layer. **Date of data source used:** September 22nd ~~25th~~, 2025 **Projection:** Census Bureau hosts it in NAD83, RMA uses it in US Contiguous Albers Equal Area Conic Projection.
2025 Census Bureau County Boundary	https://www2.census.gov/geo/tiger/TIGER2025/COUNTY/tl_2025_us_county.zip	**Data Description:** The Census County Boundary layer represents a seamless national county (or equivalent) file with no overlaps or gaps between parts. **Date of data source used:** September 22nd ~~25th~~, 2025 **Projection:** Census Bureau hosts it in NAD83, RMA uses it in US Contiguous Albers Equal Area Conic Projection.
2026 Bureau of Land Management - Public Land Survey System (PLSS)	AIP Hosted FTP Server	**Data Description:** Includes both rectangular and non-rectangular surveys. The primary source for the data is cadastral survey records housed by the BLM supplemented with local records and geographic control coordinates from states, counties as well as other federal agencies such as the USGS and USFS. **Date of data source used:** December, 2025 **Projection:** US Contiguous Albers Equal Area Conic Projection.
Rainfall Index	Grid Locator – Click Here RMA Public FTP – https://pubfs-rma.fpac.usda.gov/pub/Miscellaneous_Files/VI_RI_Data/rainfall_index_grids.zip	**Data Description:** The Rainfall Index (RI) Grid determines the insurance offer available for land within each Grid ID. Grid ID's are 0.25 latitude x 0.25 longitude (approximately 17 x 17 miles at the equator) and does not follow county, state, or U.S. borders. **Projection:** US Contiguous Albers Equal Area Conic Projection.
Hawaii Rainfall Index	Grid Locator – Click Here RMA Public FTP – https://pubfs-rma.fpac.usda.gov/pub/MAPS/PRF/HI_PRF_Pilot_Grids_All_Islands.zip	**Data Description:** The Hawaii Rainfall Index (RI) Grid determines the insurance offer available for land within each Grid ID. The grids in Hawaii are created by RMA. Each grid in Hawaii covers an area equal to 5 kilometers by 5 kilometers. The grids do not follow state, county, or other geopolitical boundaries. **Projection:** WGS 84.
Actuarial Maps	RMA Public FTP – Click Here Data also depicted within AIB Map Viewer	**Data Description:** Publicly available Actuarial maps that display areas of non-standard insurance offers. **Projection:** NAD 1983 UTM Zones.
FCIXREF	AIP Hosted FTP Server	**Data Description:** Process of checking if CLUs are completely within or partially within an Actuarial map area. Updates are dynamic, occurring after the 6/30 & 11/30 map filings and when needed throughout the year. **Projection:** NA - tabular data.
Common Land Unit (CLU)	AIP Hosted FTP Server	**Data Description:** CLU is the smallest unit of land that has a: permanent, contiguous boundary; common land cover and land management; common owner; and common producer association. Release Schedule: February, April, June, July, August, September, October, and December **Projection:** US Contiguous Albers Equal Area Conic Projection.
Unit Division by Grid Option (UDGO)	RMA Public FTP – Click Here	**Data Description:** A pilot program in Georgia, Maine, and Texas, land is not surveyed under the U.S. Public Land Survey System, which is the basis for optional units (OUs) by sections in many parts of the United States. UDGO uses a grid system developed by RMA, based on the United States National Grid (USNG), by dividing each approximately 6.2-mile by 6.2-mile USNG polygon into 36 roughly equal sized polygons approximately 686 acres in size. **Projection:** US Contiguous Albers Equal Area Conic Projection.

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USDA NAIP Imagery	ArcGIS Server – Click Here NAIP GeoHub – Click Here	Data Description: NAIP acquires aerial imagery during the agricultural growing seasons in the continental U.S. NAIP is administered by the USDA's Farm Service Agency. This "leaf-on" imagery is used as a base layer and is used to maintain the Common Land Unit (CLU) boundaries. 60cm to 1m resolution. Projection: WGS 1984 Web Mercator Auxiliary Sphere (WMAS).
RMA MapViewer	RMA Map Viewer – Click Here	**NOTE:** RMA Map Viewer utilizes the Census Bureau's 500k Cartographic Boundary as a reference layer for quicker loading times. Refer to the 2025 Census Bureau's County Boundary listed above for authoritative boundaries.
Endorsement Plan Availability	Endorsement Plan Availability – Click Here	**Data Description:** The Endorsement Plan Availability application, provides county level information on program availability, as well as production area definitions for the following: Supplemental Coverage Option (SCO), Stacked Income Protection Plan (STAX), Margin Protection (MP), Post-Application Coverage Endorsement (PACE), Hurricane Insurance Protection - Wind Index and Tropical Storm Option (HIP-WI), & Enhance Coverage Option (ECO), Margin Coverage Option (MCO), & Fire Insurance Protection - Smoke Index (FIP-SI). **Projection:** WGS 1984 Web Mercator Auxiliary Sphere (WMAS).
APH Yield Exclusion	APH Yield Exclusion – Click Here	**Data Description:** The Actual Production History (APH) Yield Exclusion (YE) maps illustrate the occurrence of yield exclusions by crop, irrigation practice, and location. **Projection:** WGS 1984 Web Mercator Auxiliary Sphere (WMAS).
Commodity Programs	Commodity Programs – Click Here	**Data Description:** The Commodity Programs application displays RMA insurance program availability for the selected commodity and year, at the county level. **Projection:** WGS 1984 Web Mercator Auxiliary Sphere (WMAS).
Livestock Programs	Livestock Programs – Click Here	**Data Description:** The map shows insurance program availability for the selected livestock program and year. **Projection:** WGS 1984 Web Mercator Auxiliary Sphere (WMAS).
Dates Programs	Dates Programs – Click Here	**Data Description:** The Dates Programs application shows RMA Insurance program date choices for acreage reporting, cancellation, contract change, earliest planting, end of insurance, end of late planting period, final planting, premium billing, production reporting, sales closing, and termination dates, when applicable, per commodity, insurance plan, type, and practice. **Projection:** WGS 1984 Web Mercator Auxiliary Sphere (WMAS).
Hurricane Insurance Protection - Wind Index (HIP-WI)	HIP-WI – Click Here	Data Description: The HIP-WI maps display the named hurricane and tropical storm events eligible for an indemnity payment according to the HIP-WI Endorsement. Projection: WGS 1984 Web Mercator Auxiliary Sphere (WMAS).
Fire Insurance Protection - Smoke Index (FIP-SI)	~~Tentative Release June 2025~~ FIP-SI – Click Here	**Data Description:** The FIP-WI maps display the ~~(heavy)~~ smoke events eligible for an indemnity payment according to the FIP-SI Endorsement, and historical years for reference. **Projection:** WGS 1984 Web Mercator Auxiliary Sphere (WMAS).