

## [National Forest Climate Change Maps Project](#)

Some forests will not have maps for all of these (for example, we don't have the streamflow data for the Eastern US). For the snow maps, we only generated maps for forests that had historical modeled snow within the bounding box of the map for that forest. There are a couple streamflow metric maps on this list that we may not include at all.

### Map Categories:

#### *Precipitation:*

[METADATA FOR MAPS](#)

- Historical annual precipitation
- Historical winter precipitation
- Future annual precipitation
- Future winter precipitation
- Absolute change in annual precipitation
- Absolute change in winter precipitation
- Percent change in annual precipitation
- Percent change in winter precipitation

#### *Temperature:*

- Historical annual temperature
- Historical winter temperature
- Future annual temperature
- Future winter temperature
- Absolute change in annual temperature
- Absolute change in winter temperature

#### *Snow:*

- Historical April 1 SWE
- Future April 1 SWE
- Absolute change in April 1 SWE
- Percent change in April 1 SWE
- Historical Snow Residence Time

Future Snow Residence Time

Absolute change in Snow Residence Time

Percent change in Snow Residence Time

*Streamflow Metrics:*

Historical Mean Annual Flow

2040s Mean Annual Flow

2080s Mean Annual Flow

Absolute change in Mean Annual Flow (historical to 2040s)

Absolute change in Mean Annual Flow (historical to 2080s)

Percent change in Mean Annual Flow (historical to 2040s)

Percent change in Mean Annual Flow (historical to 2080s)

Historical Mean Summer Flow

2040s Mean Summer Flow

2080s Mean Summer Flow

Absolute change in Mean Summer Flow (historical to 2040s)

Absolute change in Mean Summer Flow (historical to 2080s)

Percent change in Mean Summer Flow (historical to 2040s)

Percent change in Mean Summer Flow (historical to 2080s)

Historical Mean August Flow

2040s Mean August Flow

2080s Mean August Flow

Absolute change in Mean August Flow (historical to 2040s)

Absolute change in Mean August Flow (historical to 2080s)

Percent change in Mean August Flow (historical to 2040s)

Percent change in Mean August Flow (historical to 2080s)

Historical Number of 95<sup>th</sup> percentile winter floods

2040s Number of 95<sup>th</sup> percentile winter floods

2080s Number of 95<sup>th</sup> percentile winter floods

Absolute change in Number of 95<sup>th</sup> percentile winter floods (historical to 2040s)

Absolute change in Number of 95<sup>th</sup> percentile winter floods (historical to 2080s)

Percent change in Number of 95<sup>th</sup> percentile winter floods (historical to 2040s)

Percent change in Number of 95<sup>th</sup> percentile winter floods (historical to 2080s)

Historical Number of 99<sup>th</sup> percentile winter floods

2040s Number of 99<sup>th</sup> percentile winter floods

2080s Number of 99<sup>th</sup> percentile winter floods

Absolute change in Number of 99<sup>th</sup> percentile winter floods (historical to 2040s)

Absolute change in Number of 99<sup>th</sup> percentile winter floods (historical to 2080s)

Percent change in Number of 99<sup>th</sup> percentile winter floods (historical to 2040s)

Percent change in Number of 99<sup>th</sup> percentile winter floods (historical to 2080s)

Historical 1.5 year flood

2040s 1.5 year flood

2080s 1.5 year flood

Absolute change in 1.5 year flood (historical to 2040s)

Absolute change in 1.5 year flood (historical to 2080s)

Percent change in 1.5 year flood (historical to 2040s)

Percent change in 1.5 year flood (historical to 2080s)

Historical center of flow mass

2040s center of flow mass

2080s center of flow mass

Absolute change in center of flow mass (historical to 2040s)

Absolute change in center of flow mass (historical to 2080s)

Percent change in center of flow mass (historical to 2040s)

Percent change in center of flow mass (historical to 2080s)