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NOAA Atlas 2 Precipitation Frequency Estimates in GIS Compatible Formats

Note: Effective August 6, 2003, NOAA Atlas 2 has been superseded by NOAA Atlas 14 Volume 1 for Arizona, Nevada, New Mexico, and Utah. Effective April 8, 2011, NOAA Atlas 2 has been superseded by NOAA Atlas 14 Volume 6 for California. Visit the [Precipitation Frequency Data Server](#) for more information.

This web page provides access to high-resolution (15-sec) NOAA Atlas 2 precipitation frequency grids for 2-year and 100-year average recurrence intervals and for 6-hour and 24-hour durations for 6 states in the western U.S. (Colorado, Idaho, Montana, Oregon, Washington, Wyoming).

To view a scanned version of current NOAA Atlas 2 document for a specific state, please visit our [PF Documents](#) page.

To view a complete set of scanned maps from NOAA Atlas 2, visit the [Western Regional Climate Center](#) page.

■ PRECIPITATION FREQUENCY ESTIMATES AT A POINT

To obtain the precipitation frequency estimates at a given point, enter the latitude and longitude (**as a negative number**) in **decimal degrees**:

Latitude:

Longitude:

■ PRECIPITATION FREQUENCY GRIDS

These spatial data sets are provided in an ArcInfo ASCII grid format. Please read the [metadata](#) before making any use of the datasets.

The files can either be downloaded via pull-down menu or anonymous ftp:

1) Via pull-down menu:

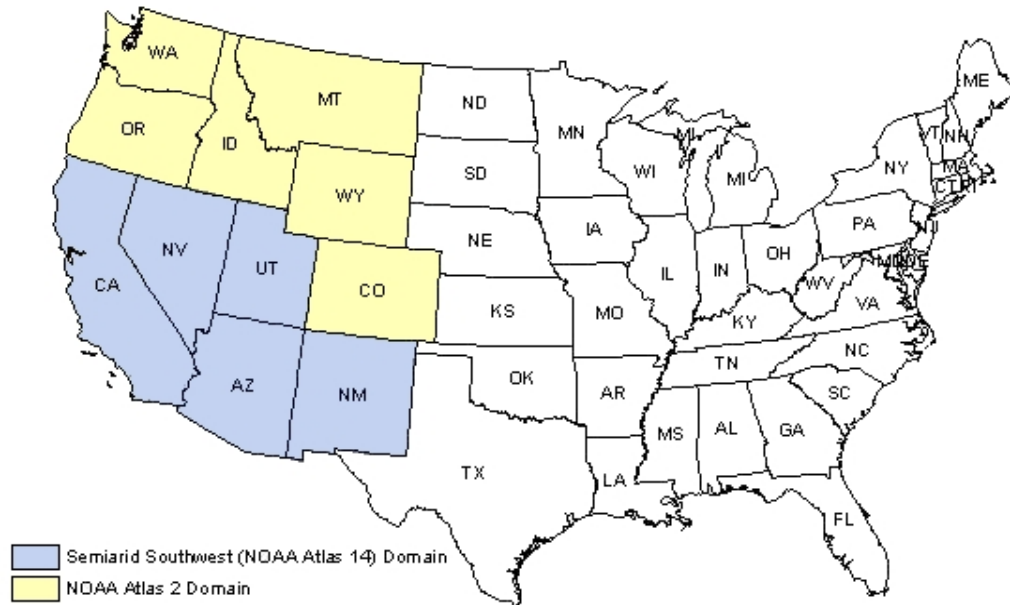
Western U.S.

2-year, 6-hour

2) By anonymous ftp:

Action	Type
Open ftp to the server	<i>ftp hdsc.nws.noaa.gov</i>
Login as anonymous user	<i>anonymous</i>
Give the password, your email id	<i>myemail@company.com</i>
Switch to binary mode	<i>bin</i>
Change directory	<i>cd pub/hdsc/data/westus/</i>
Get the file	Example: <i>get na2_westus_100yr24hr.zip</i> (this will download the 100-year 24-hour ArcInfo ASCII grid for the Western US)
Optionally, get other files	Example: <i>get na2_*_100yr24hr.zip</i> (the wildcard '*' in this case will get all regions for 100-year 24-hour)

The GIS formats are provided as a convenience to users and do not imply endorsement by or represent opinions of the U.S. Government.



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US Department of Commerce
National Oceanic and Atmospheric Administration
National Weather Service
Office of Hydrologic Development
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