



United States Department of the Interior

NATIONAL PARK SERVICE

Alaska Region
240 W 5th Avenue
Anchorage, Alaska 99501

REPLY REFER TO:

December 17, 2018

Subject: 1981-2010 PRISM Climate Maps for Alaska now available

Oregon State University's PRISM Climate Group, in collaboration with the National Park Service (NPS), Alaska Region Inventory and Monitoring Program, is pleased to announce the completion and public release of digital map products for 1981-2010 mean monthly and annual precipitation and temperature (average, minimum, and maximum) for Alaska for the period 1981-2010.

The data are available through the PRISM Climate Group website:

<http://prism.oregonstate.edu/projects/alaska.php>

The data are also available through the National Park Service at:

<https://irma.nps.gov/DataStore/Reference/Profile/2258294>

The PRISM (Parameter-elevation Regressions on Independent Slopes Model) climate mapping system was used to generate these products. This mapping system integrates existing climate station data with scientific understanding of general climate processes and local climate features. These are baseline datasets describing **average monthly and annual** conditions over the most recent three full decades. The climate maps feature a 30-arc second (approximately 800 meter) grid size resolution for the state of Alaska.

These products are available without charge. Both the Oregon State University PRISM Climate Group and National Park Service however, have applicable terms of use (disclaimers):

http://prism.oregonstate.edu/documents/PRISM_terms_of_use.pdf and

<http://www.nps.gov/gis/liability.htm>. All data (gridded, polygon, tabular, graphical) retrieved from the website may be freely reproduced and distributed for non-commercial purposes. When referring to the data, the source should be clearly stated. For example:

PRISM Climate Group, Oregon State University and Alaska Region Inventory and Monitoring Program, National Park Service; <http://prism.oregonstate.edu>, created current date.

The National Park Service [Alaska Inventory and Monitoring Program](#) provided funding and support for this climate mapping effort.

If you have additional questions or comments, please contact:

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A sample illustration of mean minimum temperature for January. Such illustrations along with in-depth analyses can be generated using the climate data and a geographic information system (GIS). Averaging period is 1981-2010. Grid resolution is 30 arc-seconds (~800m).

