



This map displays the Circumpolar Vegetation Map and Arctic Research Stations, which include the location, station name, contact information, facilities, equipment, communications, Internet link, and other basic information for stations supporting research in the Arctic region. The Arctic Station data layer is compiled by the Canadian International Polar Year Secretariat and was derived from the Canadian International Polar Year (CANIPY) Web portal and the terrestrial Circumpolar Environmental Observatories Network (CEON).

The map shows the types of vegetation that occur across the Arctic, between the ice-covered Arctic Ocean to the north and the northern limit of forests to the south. An international team of Arctic vegetation scientists representing the six countries of the Arctic (Canada, Greenland, Iceland, Norway, Russia, and the United States) prepared the map by grouping over 400 described plant communities into sixteen physiognomic units based on plant growth forms.

Both data layers can be visualized in the Arctic Research Mapping Application (ARMAP), a suite of online services, accessible at ARMAP.org, to provide support of Arctic science. With ARMAP's 2D maps and 3D globes, users can navigate to areas of interest, view a variety of map layers, and explore U.S. federally funded research projects. With special emphasis on the International Polar Year (IPY), ARMAP has targeted science planners, scientists, educators, and the general public.

Courtesy of ARMAP.org.

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Software

ArcGIS Desktop, ArcIMS 9.2 SP5

Printer

HP Designjet 4500

Data Sources

Arctic Research Logistics Support Service (ARLSS), Circumpolar Arctic Vegetation Map (CAVM), Arctic Stations (CANIPY/CEON), 500m Satellite NASA's Blue Marble Next Generation Images