Dsc

Continental Subarctic Climate

Location Examples:

- Anchorage, Alaska, US
- Seneca, Oregon
- Washington Pass, Washington
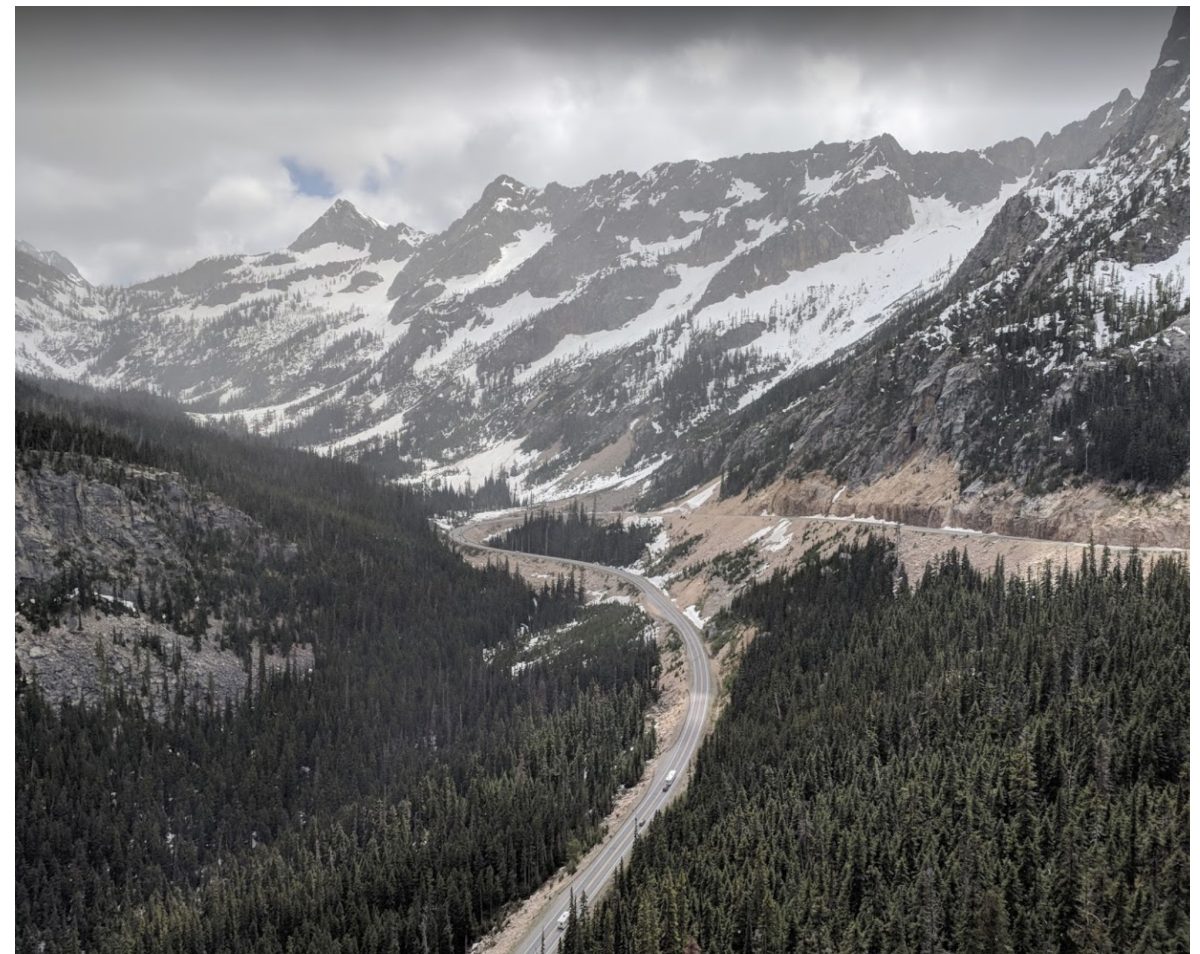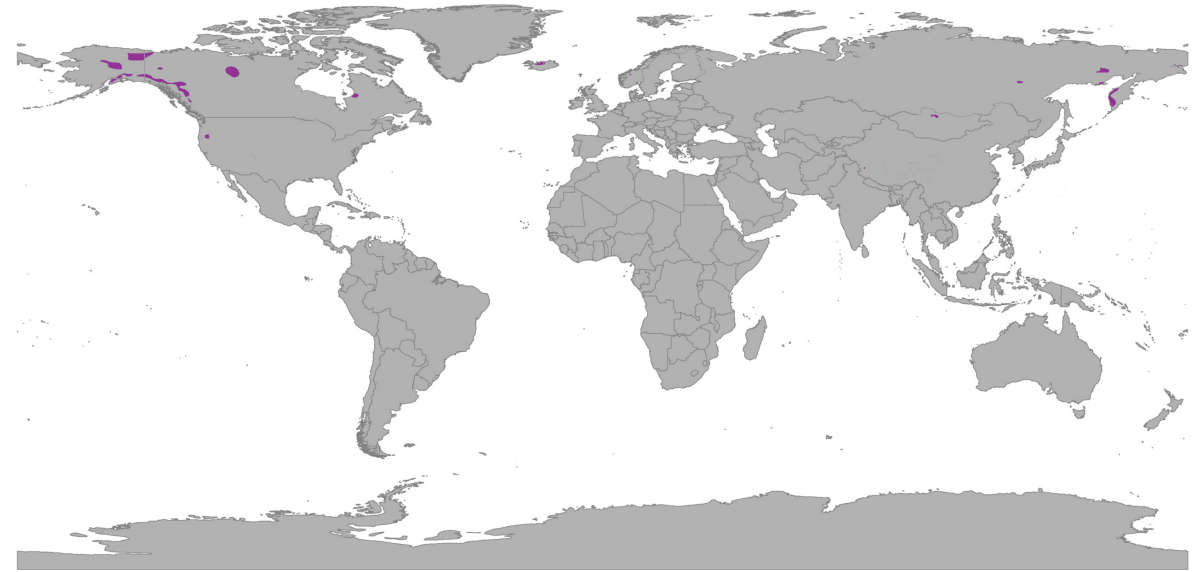
study
By Zhuoying Chen

Continental Subarctic Climate zone is dominated by the winter season, relatively little precipitation mostly in the form of snow, and low humidity. At least three times as much precipitation in the wettest month of winter as in the driest month of summer

It is located in very small areas at high altitudes around the Mediterranean Basin, Iran, Kyrgyzstan, Tajikistan, Turkey, Alaska and other parts of the northwestern United States (Eastern Washington, Eastern Oregon and Idaho) and Russian South-Eastern regions.

Because the location is always in mountain area lack of human activity, there are few building cases being recorded. But most materials used are durable metal. Wood is also widely used due to the local resources.

Sources:
https://en.wikipedia.org/wiki/Subarctic_climate

Location: Seneca, Oregon

Architect: N/A

Owner: N/A

Year of completion: N/A

Climate: Marine West Coast Climate

Material of interest: Wood

Application: Facade

Properties of material:
Seneca began growing in the 1920s as a company town for the Edward Hines Lumber Company, large-scale Ponderosa Pine logs were shipped to the Hines from Seneca and the surrounding National Forest. Wood is readily available and plentiful. Thus, it is a cheap material there.

Sources:
https://www.senecaoregon.com/

Location: Anchorage, AK, USA

Architect: Dan Rusler

Owner: N/A

Year of completion: 2009

Climate: Dsc (Continental Subarctic Climate)

Material of interest: Standing-seam metal

Application: Cladding

Properties of material:
• sleek, consistent and modern look
• hard, durable, long lasting and low maintenance
• weather-tight warranties
• fireproof

Sources:
https://www.archdaily.com/69660/nearpoint-residence-workshop-architecturedesign