

Niwot Ridge Metadata Report (NWT)

Near Boulder, Colorado

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Dante Da Shepherd
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Research Area Information

Niwot Ridge.....NWT

Niwot Ridge

Research Area Information

Harvest URL - Option 1

<http://culter.colorado.edu/ClimHy/climdb.txt>

Harvest URL -Option 2

<http://culter.colorado.edu/ClimHy/gl4hydro.txt>

Site URL

<http://culter.colorado.edu/>

Site north bounding coordinate (decimal degree)40.06206

Site west bounding coordinate (decimal degree)-105.64300

Site south bounding coordinate (decimal degree)39.99324

Site east bounding coordinate (decimal degree)-105.37550

Site Climate URL

http://culter.colorado.edu/NWT/site_info/climate/climate.html

Site Map URL

http://culter.colorado.edu/NWT/site_info/site_info.html

USGS Harvest URL

http://gce-lter.marsci.uga.edu/harvest/usgs/nwt_lter.txt

Meteorological Stations

C-1 Meterological Station	C1
D-1 Meterological Station	D1
SADDLE	SADDLE

C-1 Meteorological Station

Meteorological Station

Latitude (decimal degrees)40.0363

Longitude (decimal degrees)-105.5435

Elevation (meters; a.m.s.l.)3022

Begin Date..... 1953

Topography

ridge-top

Photo URL

http://culter.colorado.edu/NWT/images/c1_site.jpg

D-1 Meteorological Station

Meteorological Station

Latitude (decimal degrees)40.0597

Longitude (decimal degrees)-105.6169

Elevation (meters; a.m.s.l.)3739

Begin Date..... 1953

Topography

ridge-top

Area Description

D-1 is an Alpine Tundra site, located 2.6 km from the Continental Divide. This is the highest continuously operating weather station in North America. Topographic setting: ridge-top. Climate data completeness good from 1953 to present. Climate parameters measured include temperature, relative humidity, solar radiation, barometric pressure, wind speed and direction, precipitation, soil moisture and temperature.

Photo URL

http://culter.colorado.edu/NWT/images/d1_site.jpg

SADDLE

Meteorological Station

Latitude (decimal degrees) 40.0547

Longitude (decimal degrees) -105.5892

Elevation (meters; a.m.s.l.) 3528

Begin Date 1981

End Date Present

Topography

ridge-top saddle

Photo URL

http://culter.colorado.edu/NWT/images/sdl_site.jpg

Watershed

Lower Green Lakes ValleyLOWERGREEN
Upper Green Lakes.....UPPERGREEN

Gauging Stations

Albion Townsite.....ALBION

Green Lakes 4 GL4

Albion Townsite

Hydrologic Gauging Station

Latitude (decimal degrees)40.0428
Longitude (decimal degrees)-105.5922
Elevation (meters; a.m.s.l.)3259
Begin Date..... 2003
End Date..... present
Watershed Area (hectares)710

Associated Watershed

Lower Green Lakes Valley

Associated meteorological station

D1 Station Precipitation; Albion Townsite Air Temperature

Photo URL

http://culter.colorado.edu/NWT/images/alb_site.jpg

Green Lakes 4

Hydrologic Gauging Station

Latitude (decimal degrees)40.0558
Longitude (decimal degrees)-105.6171
Elevation (meters; a.m.s.l.)3560
Begin Date..... 19810612

Associated meteorological station

Precipitation chart data are from the D1 Meteorological Station on the ridge above the gauging station, Air Temperature data come from the Green Lake 4 Meteorological Station across the lake ~300 meters away.

Air Temperature

Begin Date..... 19860830

Precipitation

Begin Date..... 19521001

Stream Discharge

Begin Date..... 19810612