Awenasa Goes to Camp!

Camp 1 - Camp Wa-Ri-Ki Washougal, WA
Camp 2 - Willamalane Parks & Recreation Center Springfield, OR
Camp 3 - YMCA STEM Camp Ogden, UT
Camp 4 - Irvine Ranch Outdoor Education Center Orange, CA
Camp 5 - Triangle Y Ranch Oracle, AZ
Camp 6 - Camp Granite Lake Golden, CO

Camp 7 - Cougar Cub Summer Camp Houston, TX
Camp 8 - Summer My Way YMCA Niles, MI
Camp 9 - STEP STEM Camp Fredonia, NY
Site 10 - NASA Langley Research Center Hampton, VA
Camp 11 - Camp Discovery Blythewood, SC
Let’s go camping with Awenasa!
Introduction to Science Variables
Color Bar of the Monthly Total Cloud Coverage (percent coverage)

Color Bar shows the range of values

This quantity describes the total percent cloud cover at all levels in the troposphere. The percent coverage is the amount of the sky that would be covered by all types of clouds if you were on the ground and you looked up.
This quantity describes the monthly average precipitation rate, calculated by taking the total precipitation that falls at a location and dividing the number of days in a month. It does not mean that precipitation consistently falls at this rate throughout the month at any location. The units of the precipitation rate are millimeters per day. If an inch of rain falls per day at a location, then the precipitation rate would be 25.4 mm/day.
Color Bar of the Monthly Surface (Skin) Temperature (degrees Celsius)

Color Bar shows the range of values

This quantity describes the temperature of the land or ocean surface in the topmost layer (first few centimeters at the top of the surface), averaged over day and night. It is different than the surface air temperature, which is a measure of the temperature of the air closest to the surface.
This quantity measures the health of plants on the Earth's surface, by how much near-infrared radiation is reflected at the surface. Plants with green leaves (from chlorophyll) using photosynthesis reflect more near-infrared radiation, so like the leaf area index, the normalized difference vegetation index (NDVI) is more positive for healthy and highly productive plants. The normalized difference vegetation index is a normalized ratio, so it has no units (dimensionless).
Camp 1:
Camp Wa-Ri-Ki
Washougal, WA
Camp 1: Camp Wa-Ri-Ki, Washougal, WA

Monthly Surface (Skin) Temperature (degrees Celsius)
Monthly Total Cloud Coverage (percent coverage)

Camp 1: Camp Wa-Ri-Ki, Washougal, WA
Camp 2: Willamalane Parks & Recreation Center
Springfield, OR
Camp 2: Willamalane Parks & Rec Ctr  Springfield, OR
Camp 3: YMCA STEM Camp
Ogden, UT
Monthly Normalized Difference Vegetation Index (dimensionless)

Camp 3: YMCA STEM Camp Ogden, UT
Camp 4: Irvine Ranch Outdoor Education Center
Orange, CA
Camp 4: Irvine Ranch Outdoor Ed Ctr  Orange, CA
Camp 4: Irvine Ranch Outdoor Ed Ctr   Orange, CA
Camp 5:
Triangle Y Ranch
Oracle, AZ
Monthly Total Cloud Coverage (percent coverage)

Camp 5: Triangle Y Ranch Oracle, AZ
Camp 5: Triangle Y Ranch Oracle, AZ
Camp 6:
Camp Granite Lake
Golden, CO
Camp 6: Camp Granite Lake Golden, CO
Camp 6: Camp Granite Lake Golden, CO
Camp 6: Camp Granite Lake Golden, CO
Camp 7: Cougar Cub Summer Camp Houston, TX
Monthly Average Precipitation Rate (millimeters per day)

Camp 7: Cougar Cub Summer Camp Houston, TX
Monthly Normalized Difference Vegetation Index (dimensionless)

[Map Image]

Monthly Normalized Difference Vegetation Index (dimensionless)

[Map Image]

Camp 7: Cougar Cub Summer Camp Houston, TX
Camp 8: Summer My Way
YMCA
Niles, MI
Monthly Surface (Skin) Temperature (degrees Celsius)

Camp 8: Summer My Way YMCA  Niles, MI
Monthly Normalized Difference Vegetation Index (dimensionless)

Camp 8: Summer My Way YMCA Niles, MI
Camp 9: STEP STEM Camp
Fredonia, NY
Site 10: NASA Langley Research Center Hampton, VA
Camp 11:
Camp Discovery
Blythewood, SC
Camp 11: Camp Discovery Blythewood, SC

Monthly Total Cloud Coverage (percent coverage)
Camp 11: Camp Discovery Blythewood, SC
Camp 11: Camp Discovery Blythewood, SC