



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](#)

Camp Locations



Credit: Google Maps

Let's go camping
with Awenasa!





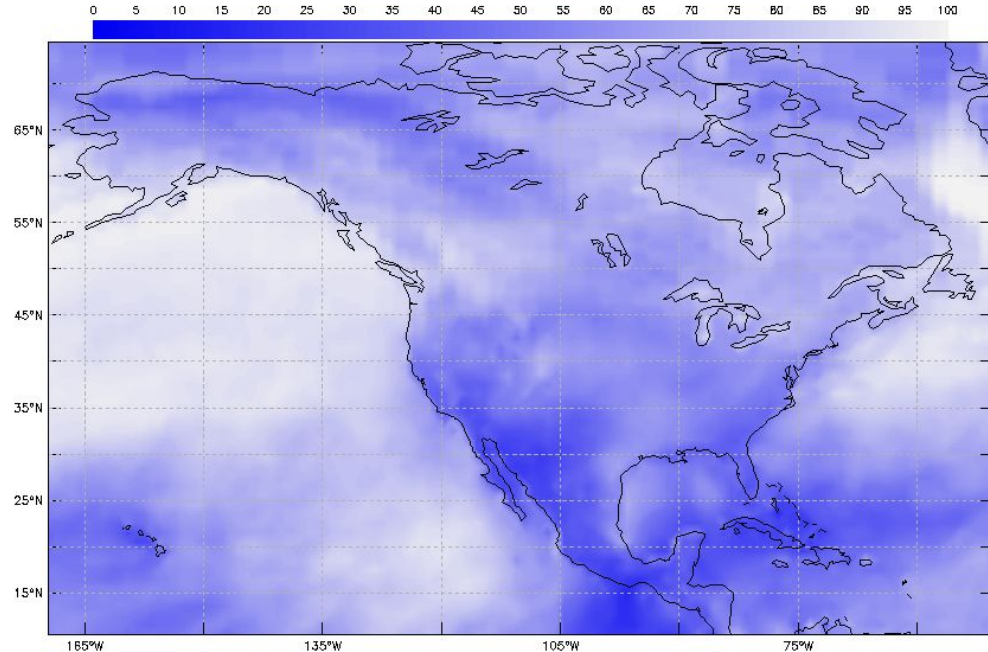
**Introduction to
Science Variables**

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.

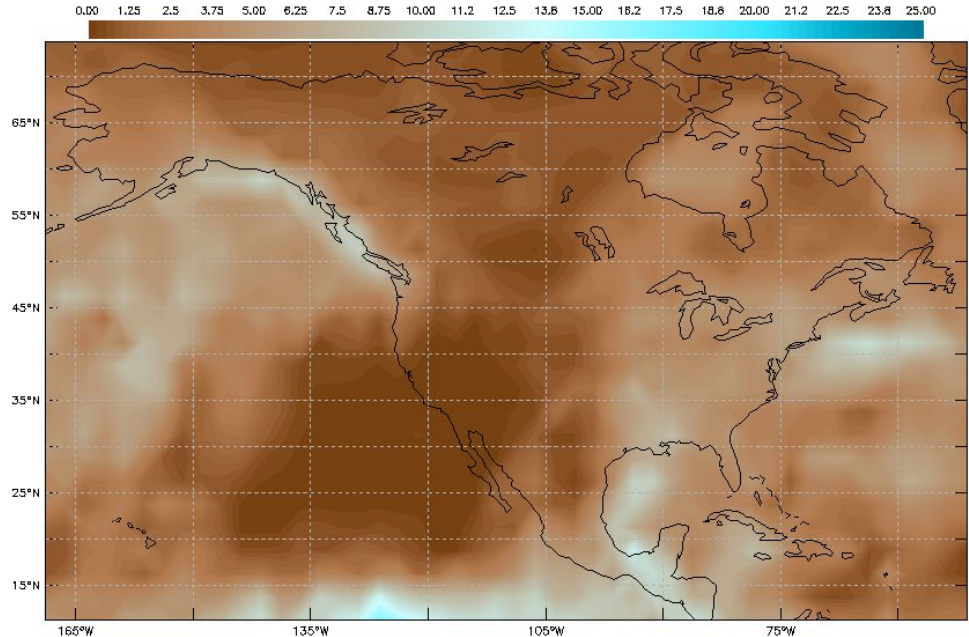


Color Bar of the Monthly Average Precipitation Rate (millimeters per day)

Color Bar shows the range of values



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.

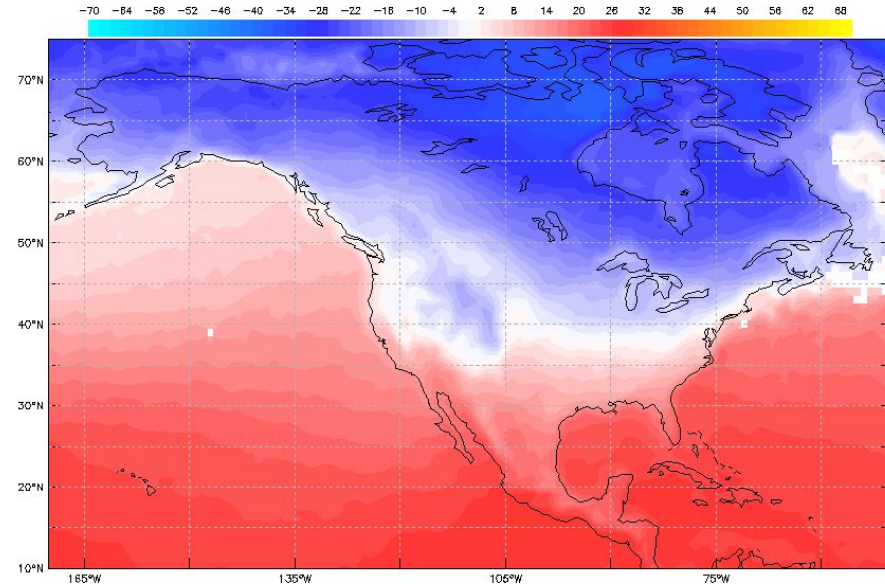


Color Bar of the Monthly Surface (Skin) Temperature (degrees Celsius)

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.

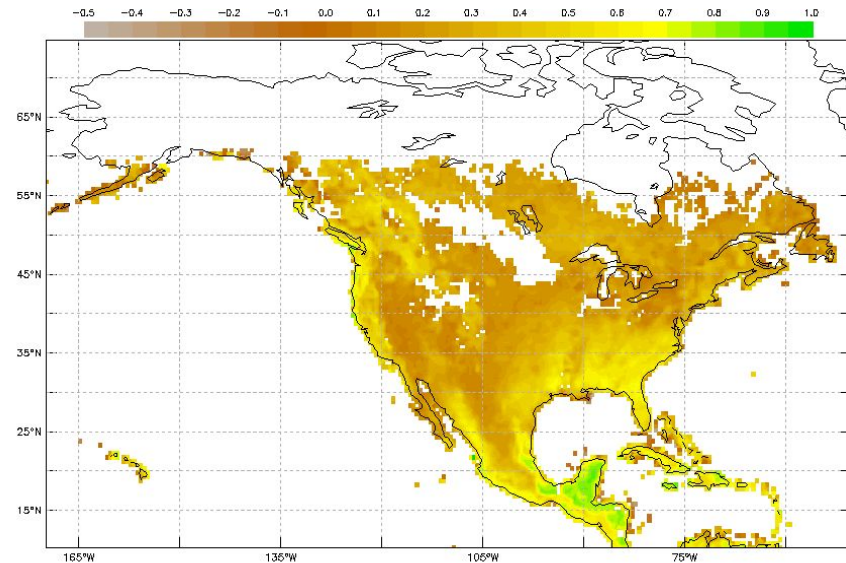



Color Bar of the Monthly Aerosol Optical Depth (dimensionless)

Color Bar shows the range of values



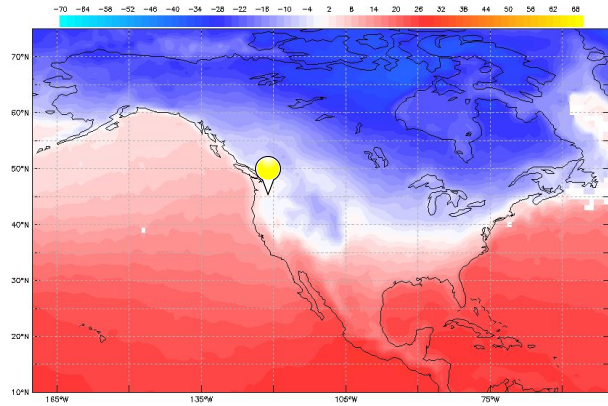
This quantity measures the health of plants on the Earth's surface, by how much near-infrared radiation is reflected at the surface. Plants with green leaves (from chlorophyll) using photosynthesis reflect more near-infrared radiation, so like the leaf area index, the normalized difference vegetation 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).



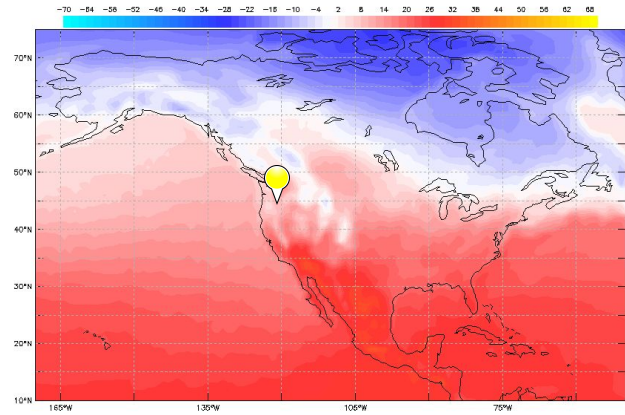


**Camp 1:
Camp Wa-Ri-Ki
Washougal, WA**

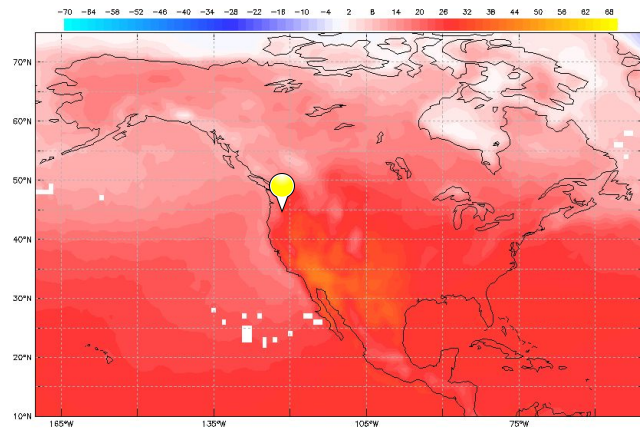
Monthly Surface (Skin) Temperature (degrees Celsius)



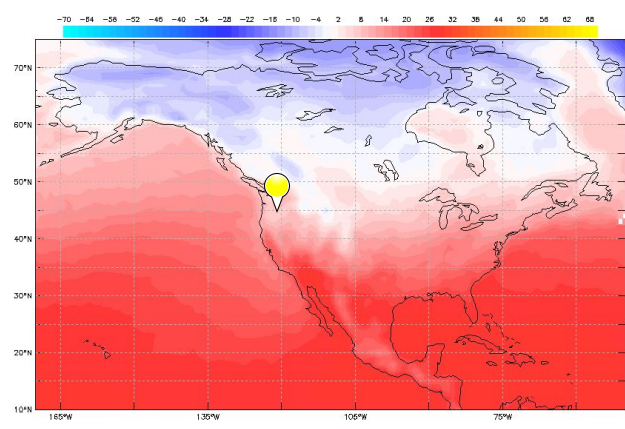
Monthly Surface (Skin) Temperature (degrees Celsius)



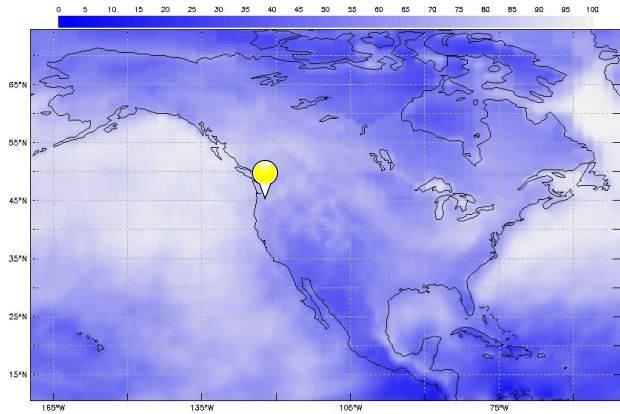
Monthly Surface (Skin) Temperature (degrees Celsius)



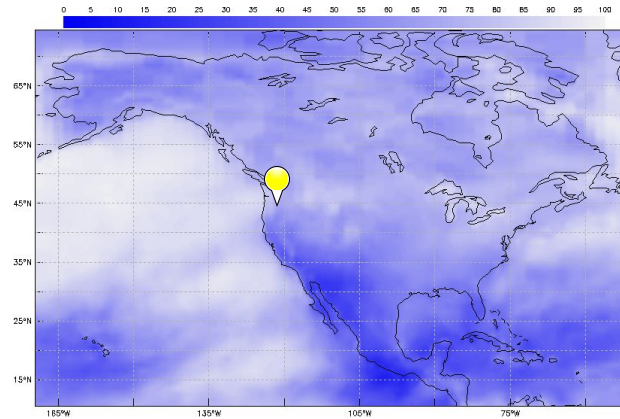
Monthly Surface (Skin) Temperature (degrees Celsius)



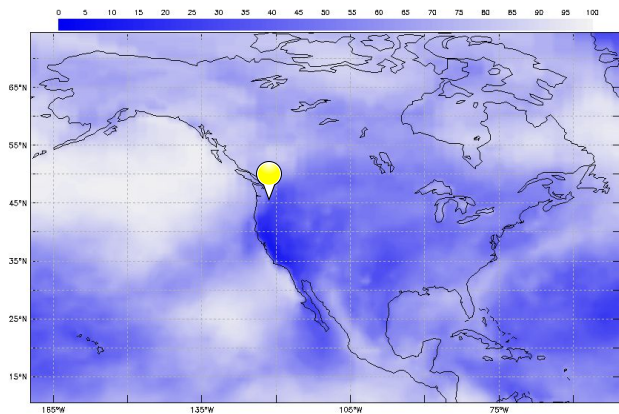
Monthly Total Cloud Coverage (percent coverage)



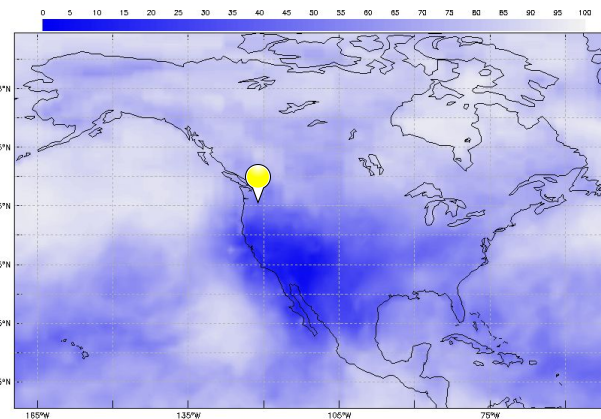
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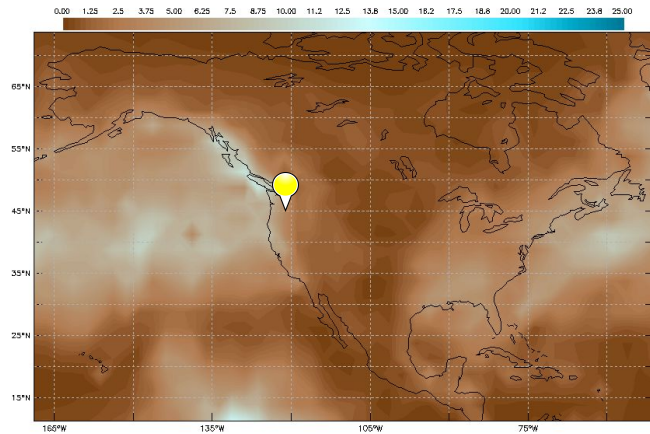
Monthly Total Cloud Coverage (percent coverage)



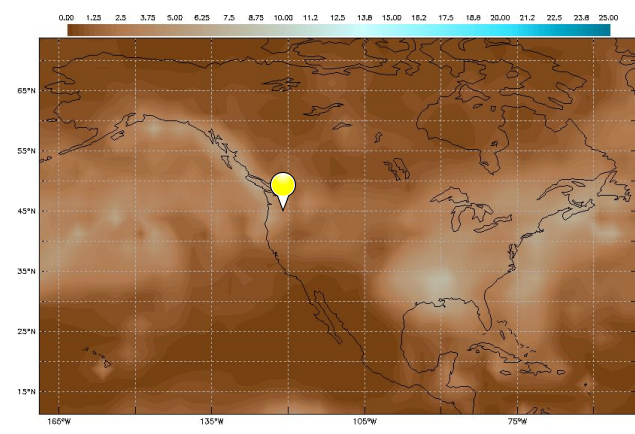
Camp 1: Camp Wa-Ri-Ki Washougal, WA



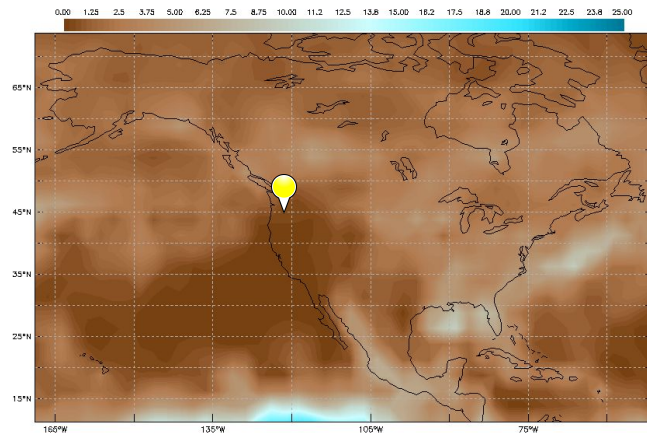
Monthly Average Precipitation Rate (millimeters per day)



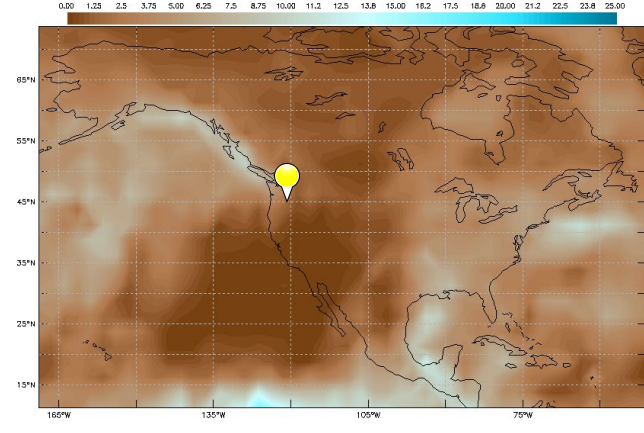
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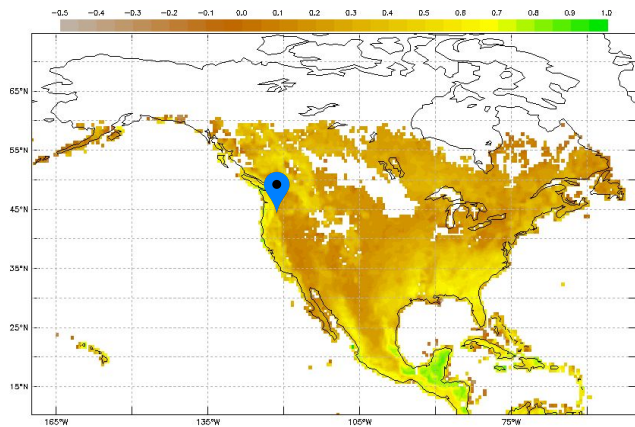
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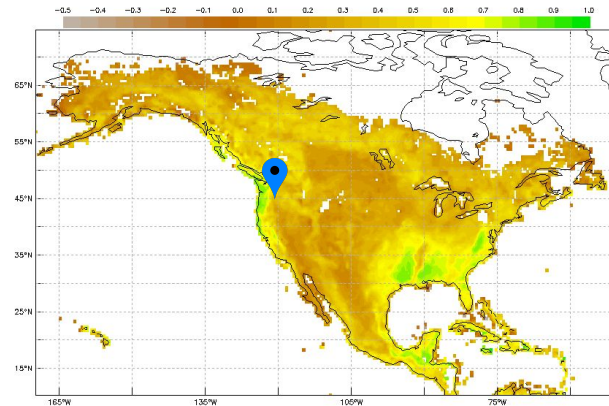
Monthly Average Precipitation Rate (millimeters per day)



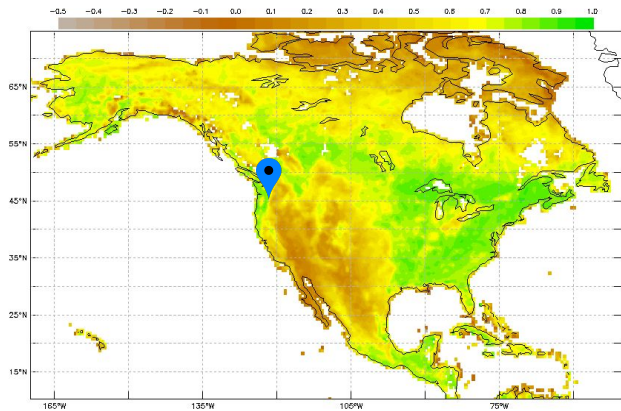
Monthly Normalized Difference Vegetation Index (dimensionless)



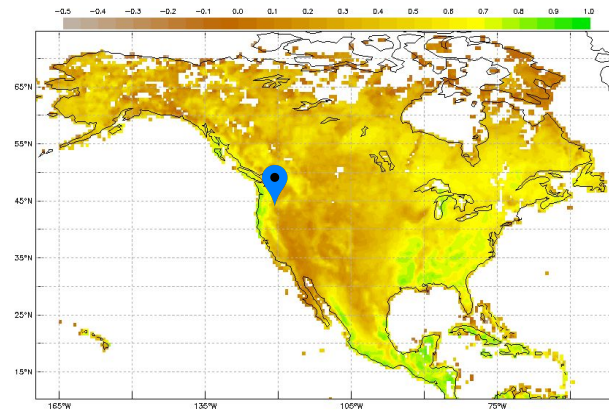
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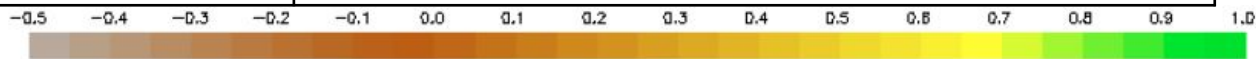
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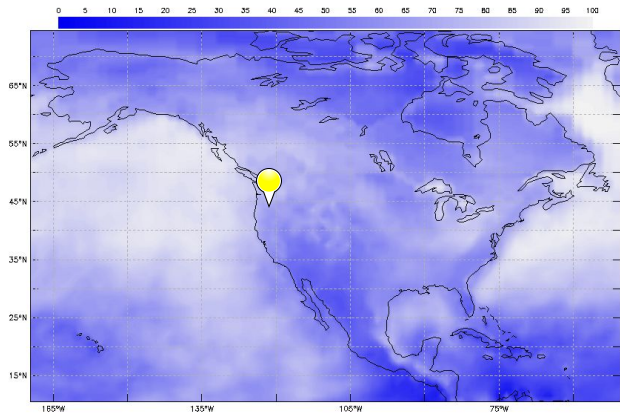
Camp 1: Camp Wa-Ri-Ki Washougal, WA



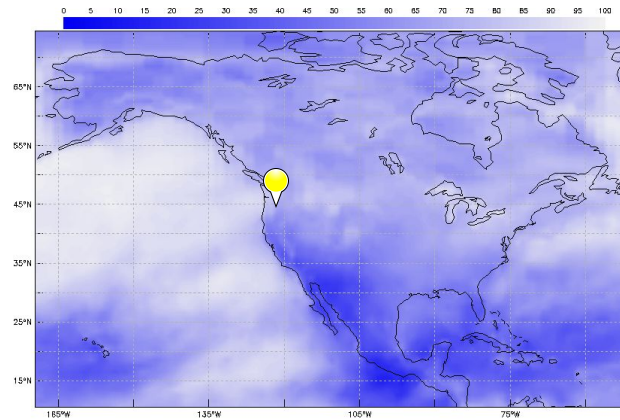


**Camp 2:
Willamalane Parks &
Recreation Center
Springfield, OR**

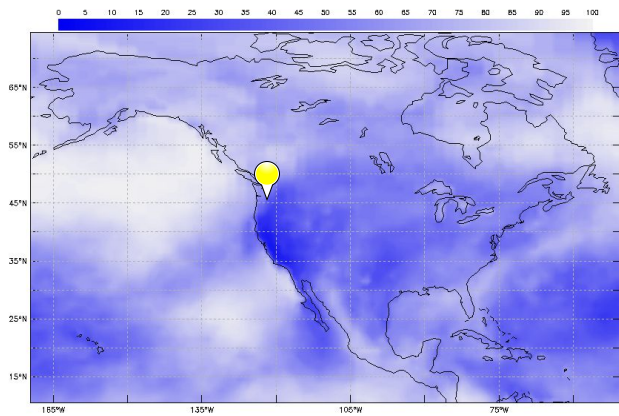
Monthly Total Cloud Coverage (percent coverage)



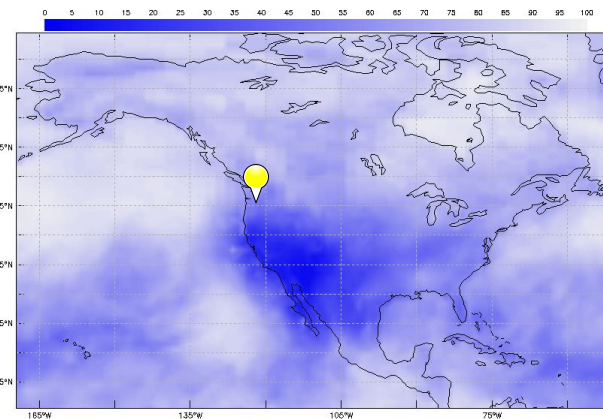
Monthly Total Cloud Coverage (percent coverage)



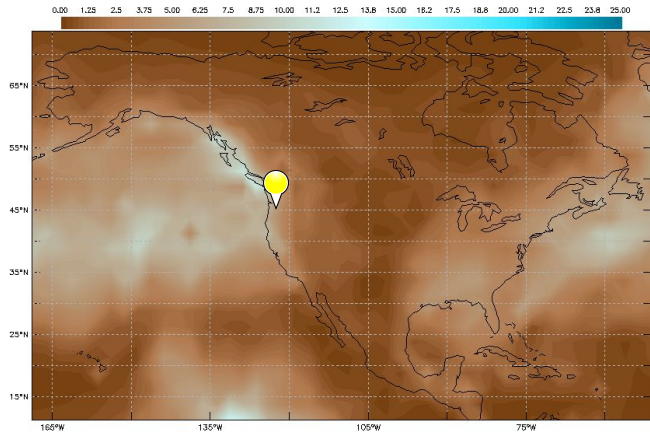
Monthly Total Cloud Coverage (percent coverage)



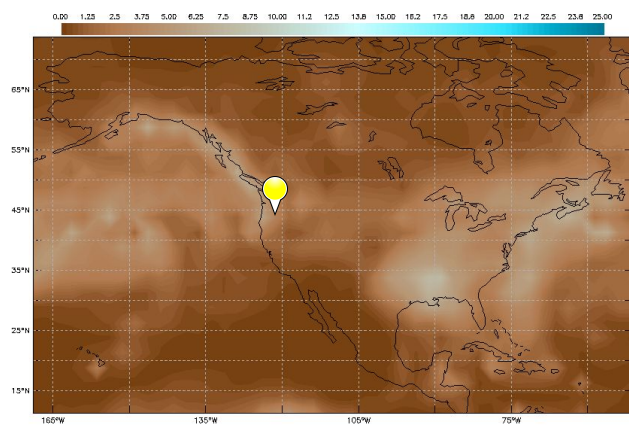
Monthly Total Cloud Coverage (percent coverage)



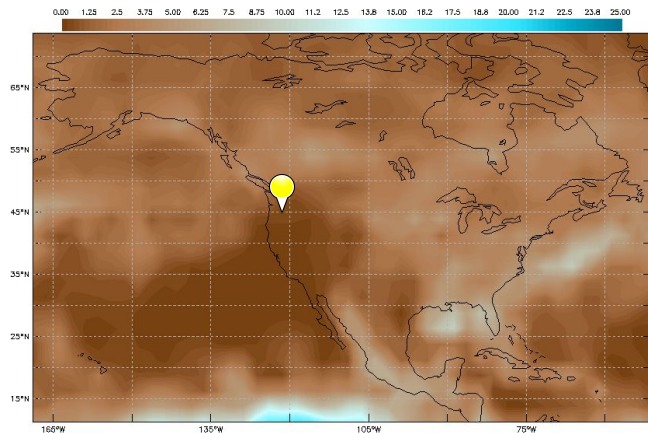
Monthly Average Precipitation Rate (millimeters per day)



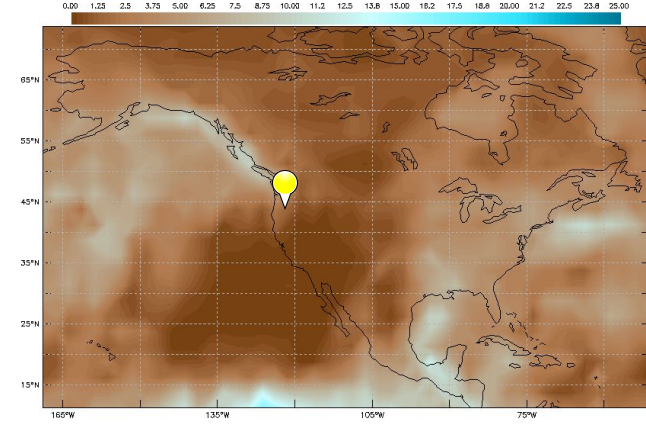
Monthly Average Precipitation Rate (millimeters per day)



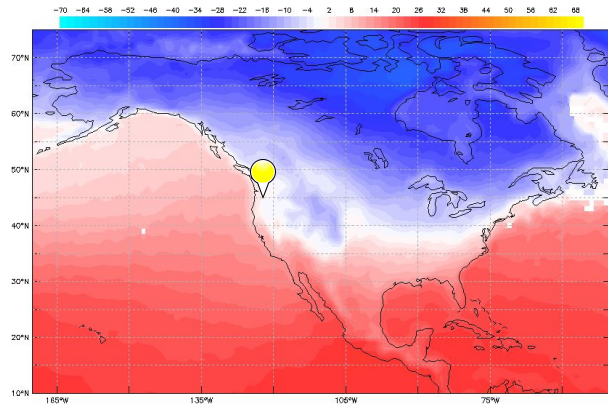
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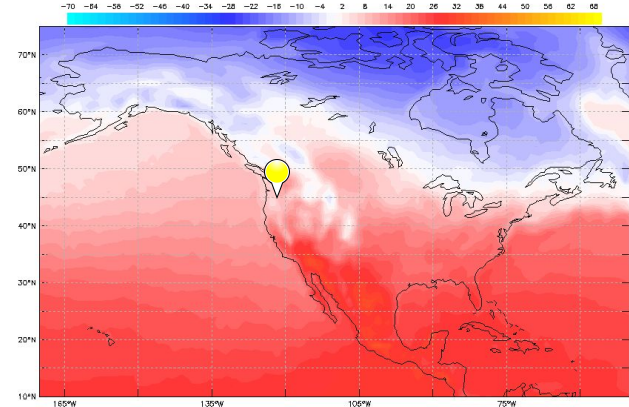
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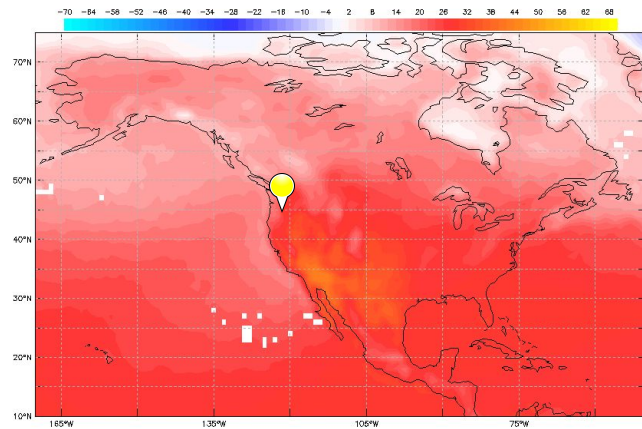
Monthly Surface (Skin) Temperature (degrees Celsius)



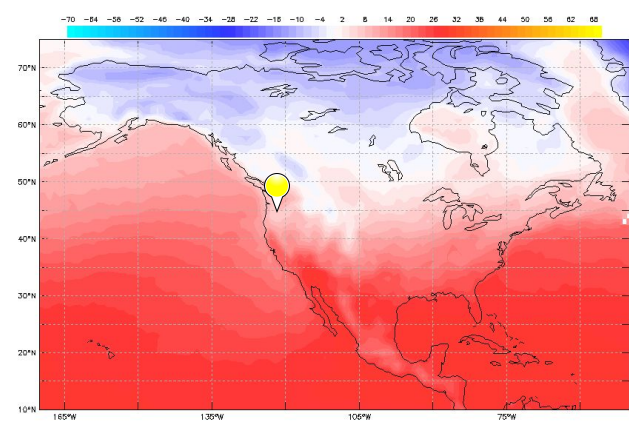
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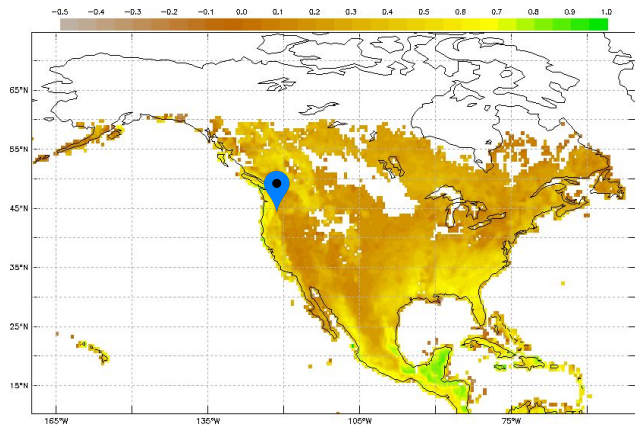
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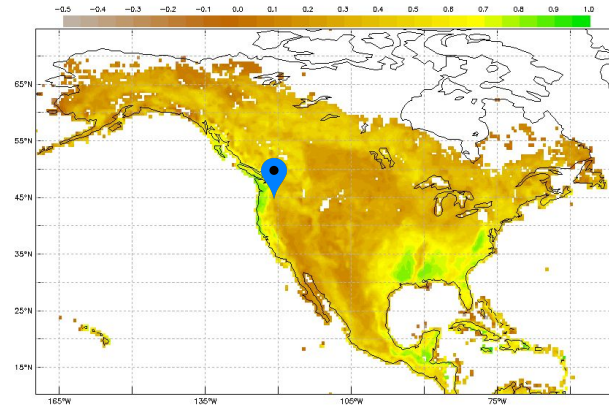
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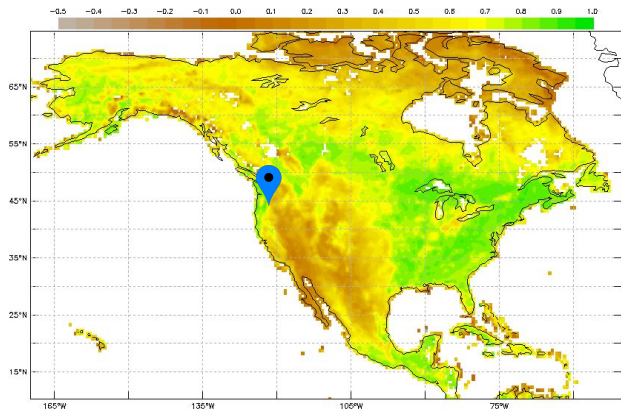
Monthly Normalized Difference Vegetation Index (dimensionless)



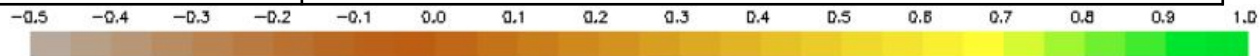
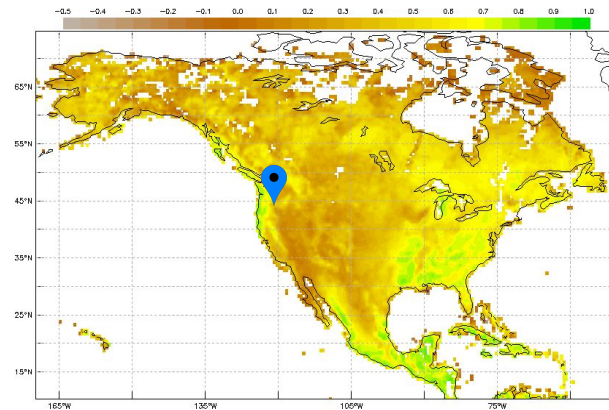
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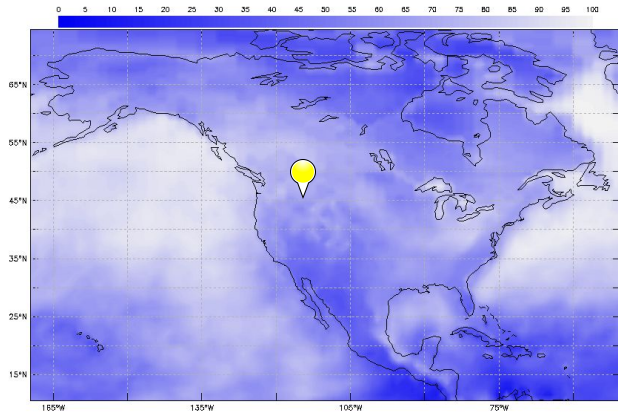
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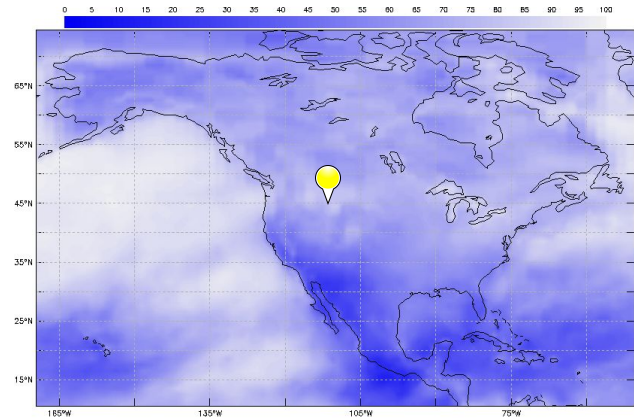


**Camp 3:
YMCA STEM Camp
Ogden, UT**

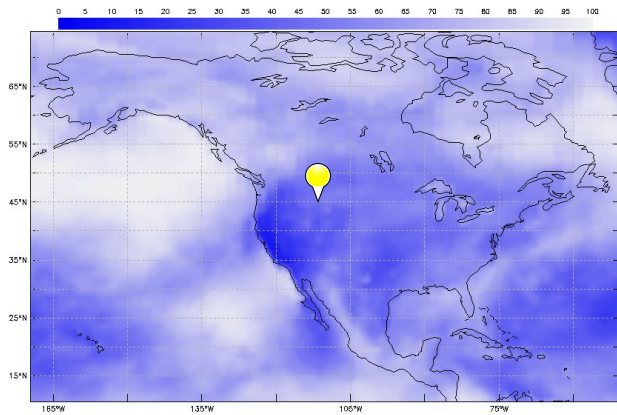
Monthly Total Cloud Coverage (percent coverage)



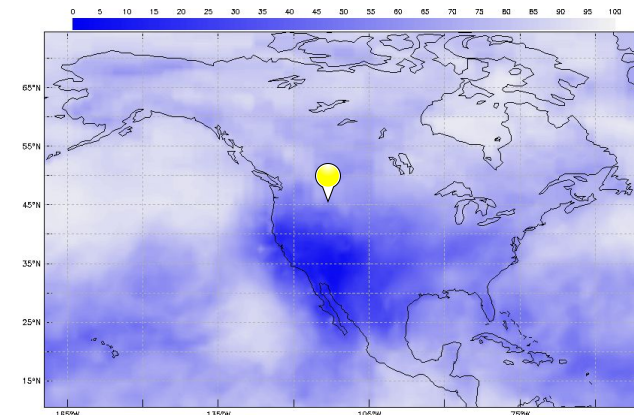
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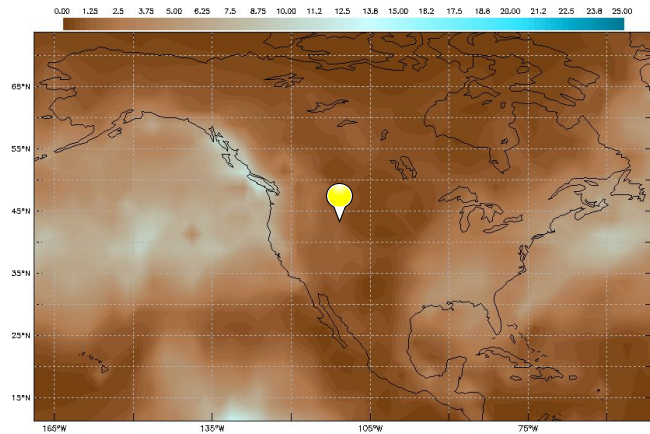
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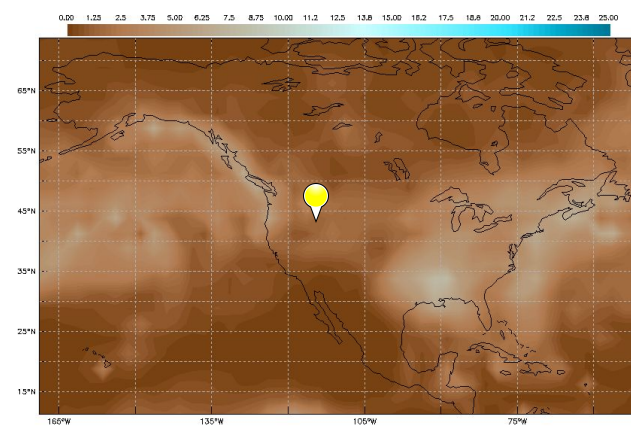
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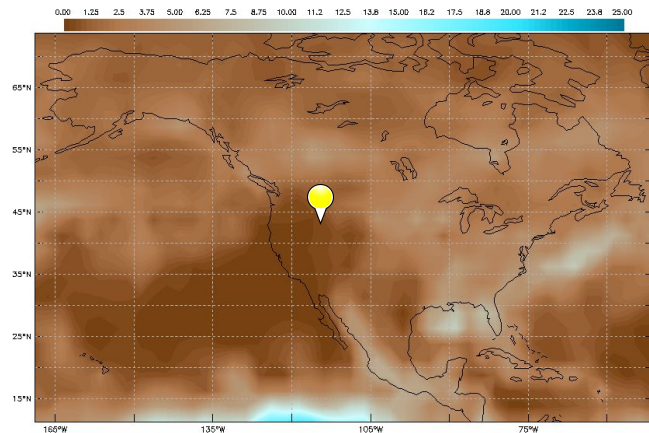
Monthly Average Precipitation Rate (millimeters per day)



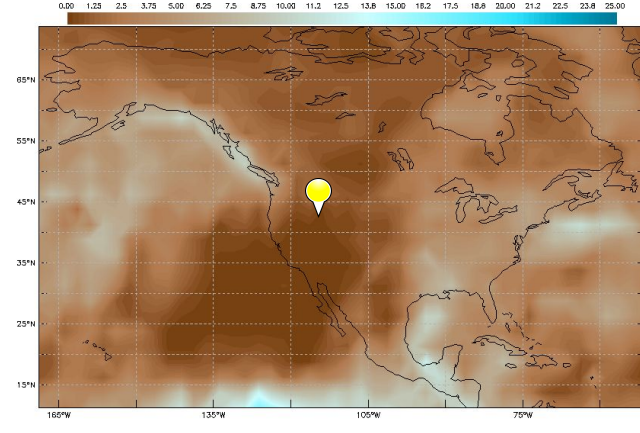
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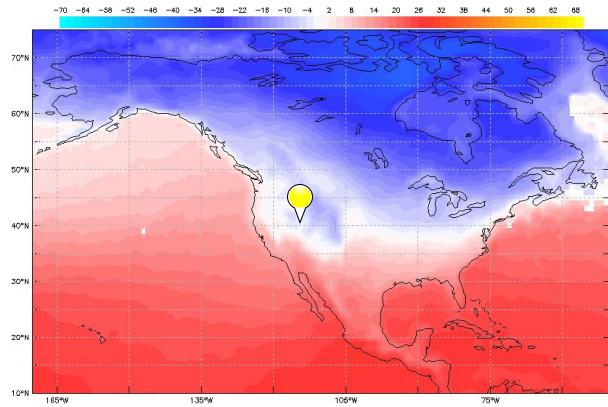
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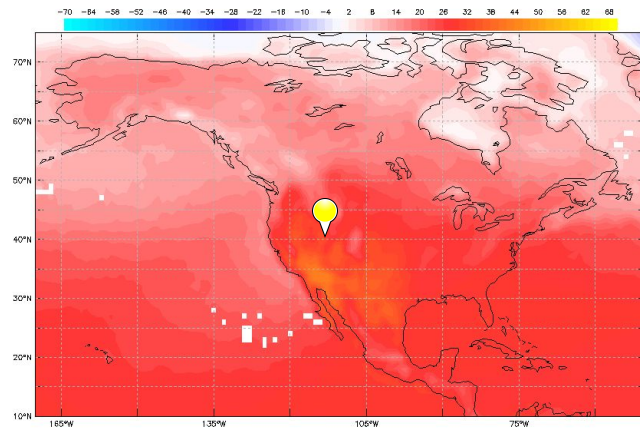
Monthly Surface (Skin) Temperature (degrees Celsius)



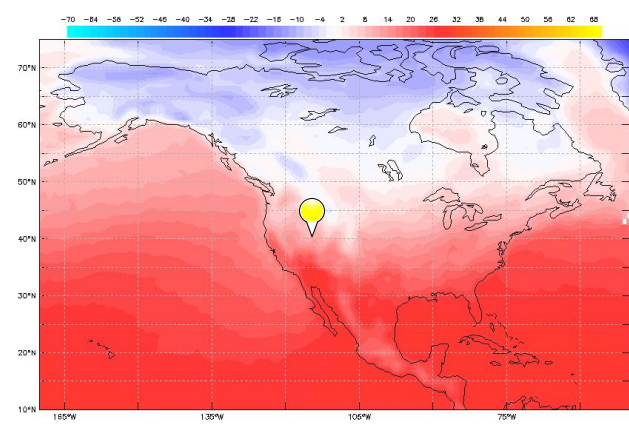
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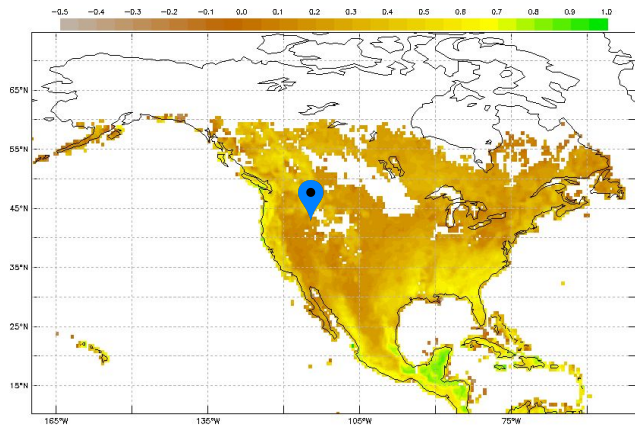


Monthly Surface (Skin) Temperature (degrees Celsius)

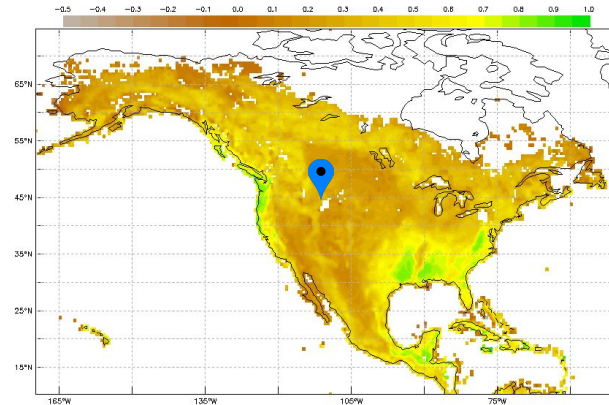


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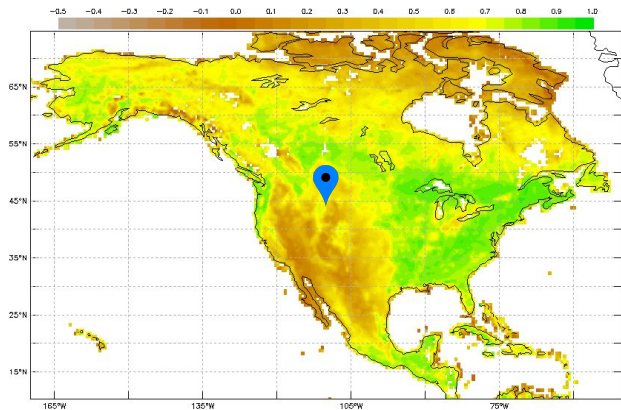
Monthly Normalized Difference Vegetation Index (dimensionless)



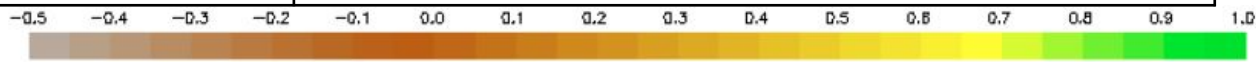
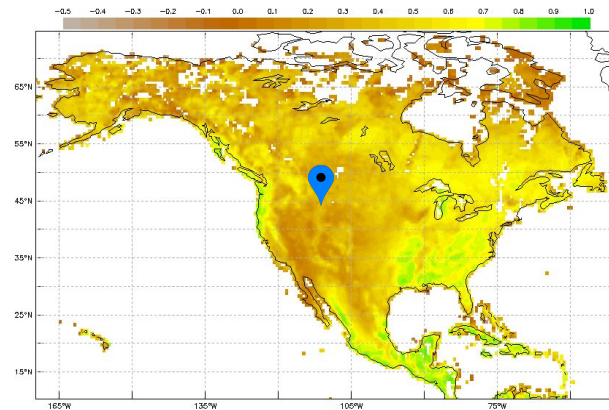
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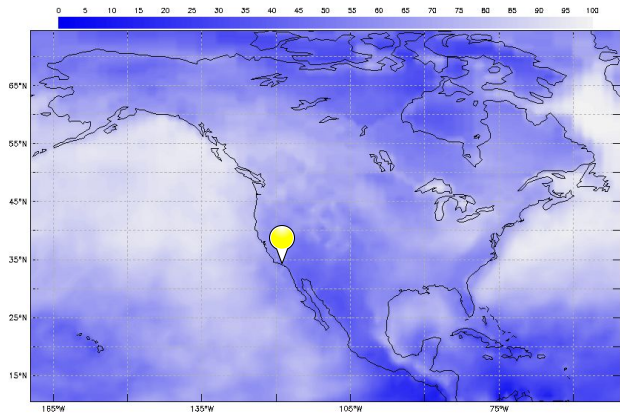
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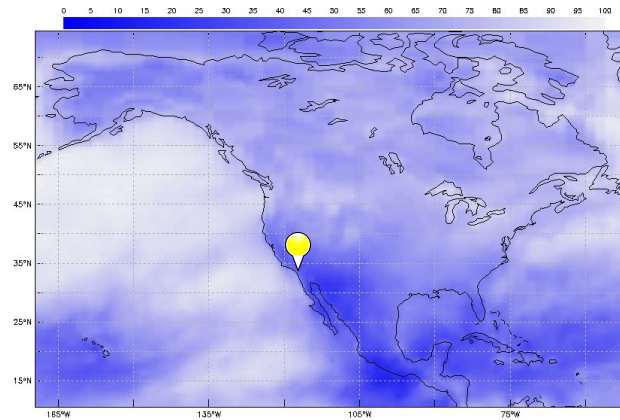


**Camp 4:
Irvine Ranch
Outdoor Education
Center
Orange, CA**

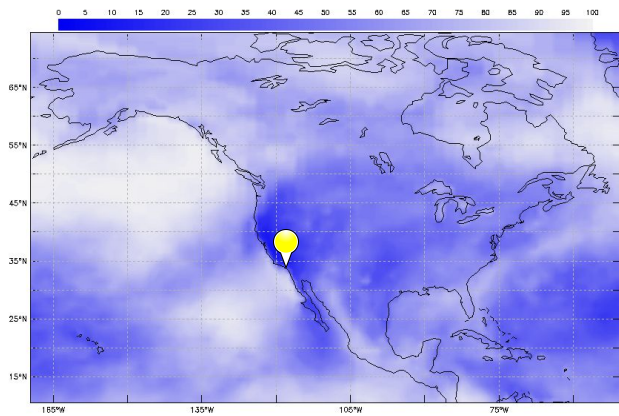
Monthly Total Cloud Coverage (percent coverage)



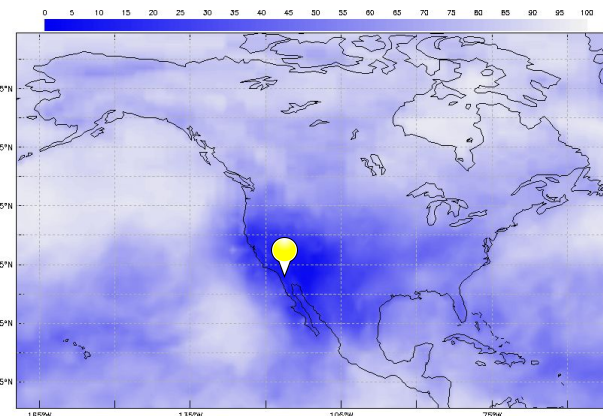
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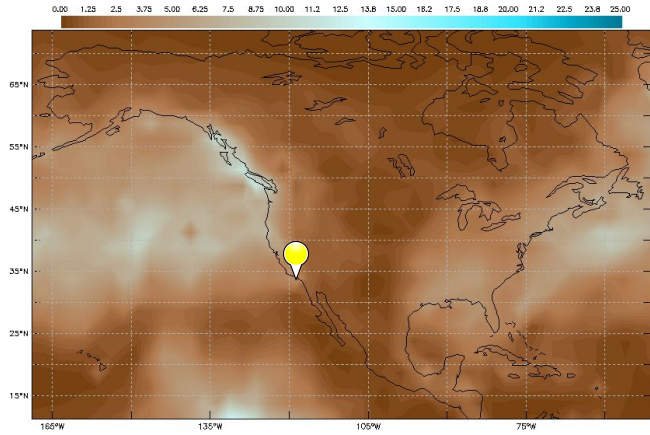
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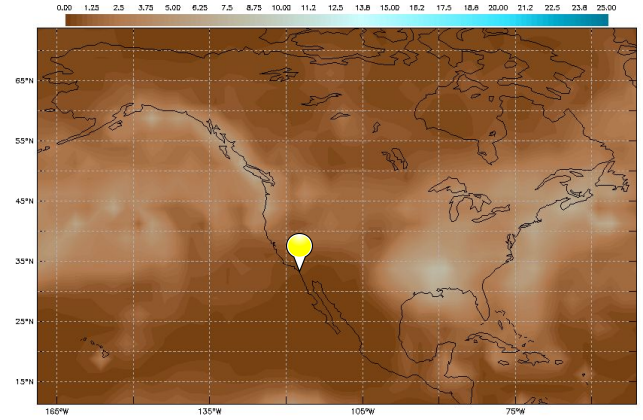
Monthly Total Cloud Coverage (percent coverage)



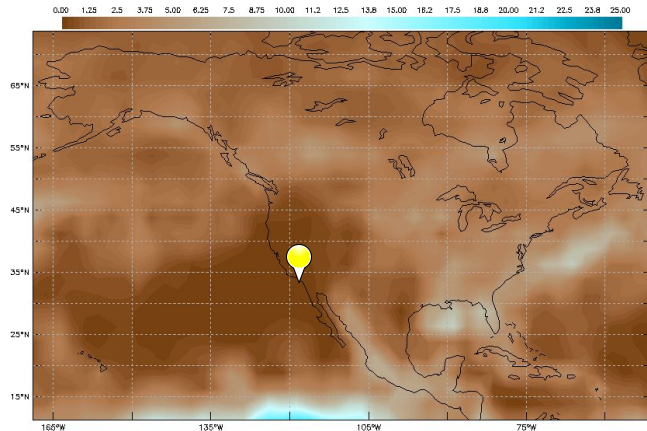
Monthly Average Precipitation Rate (millimeters per day)



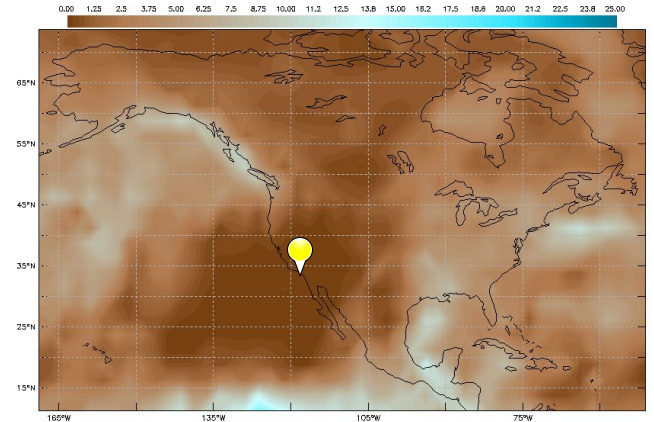
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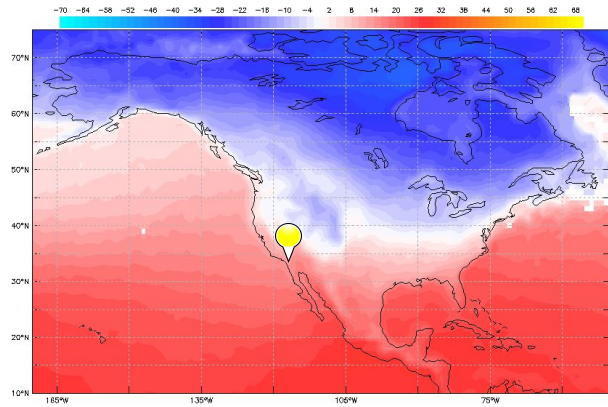
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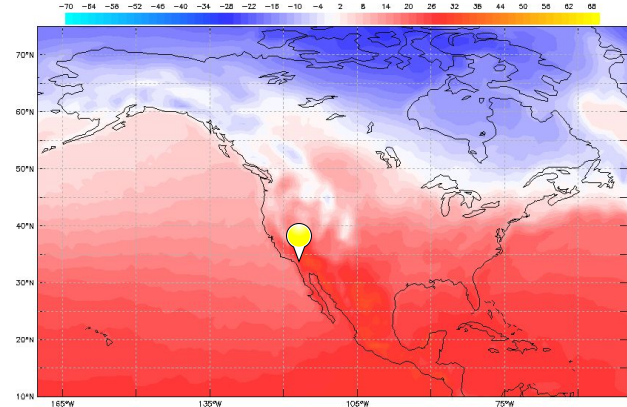
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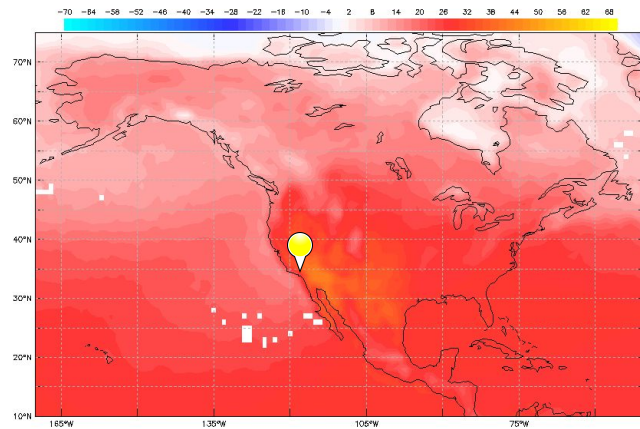
Monthly Surface (Skin) Temperature (degrees Celsius)



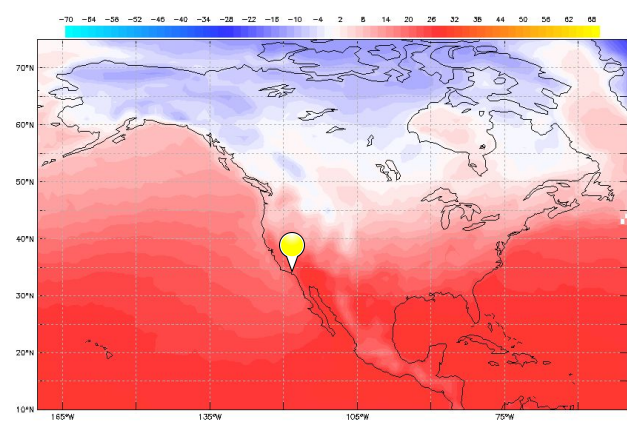
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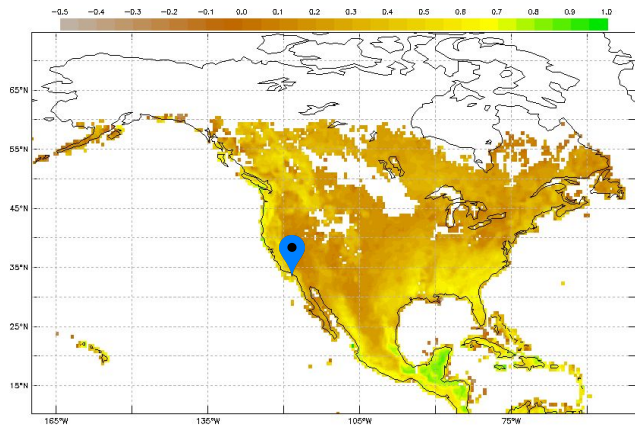
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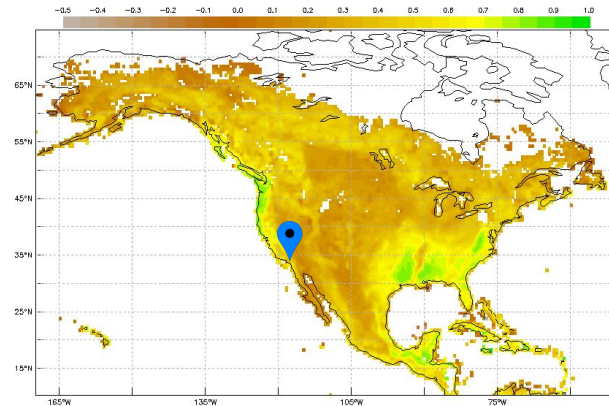
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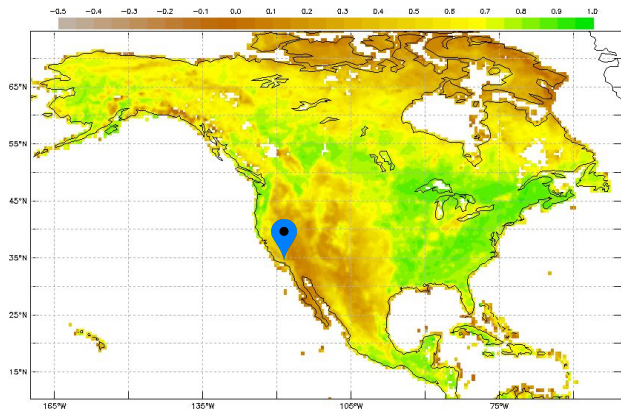
Monthly Normalized Difference Vegetation Index (dimensionless)



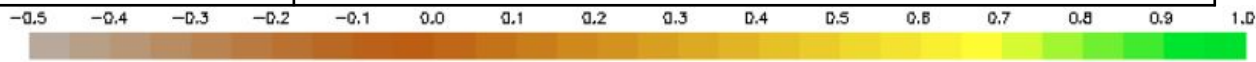
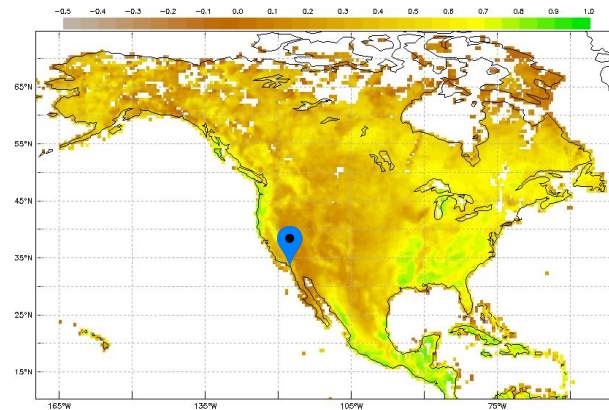
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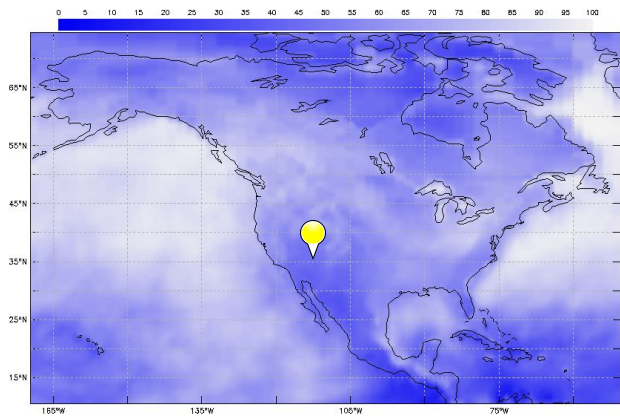
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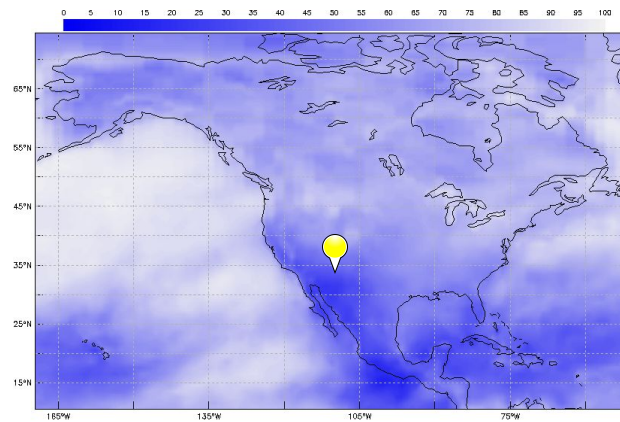


**Camp 5:
Triangle Y Ranch
Oracle, AZ**

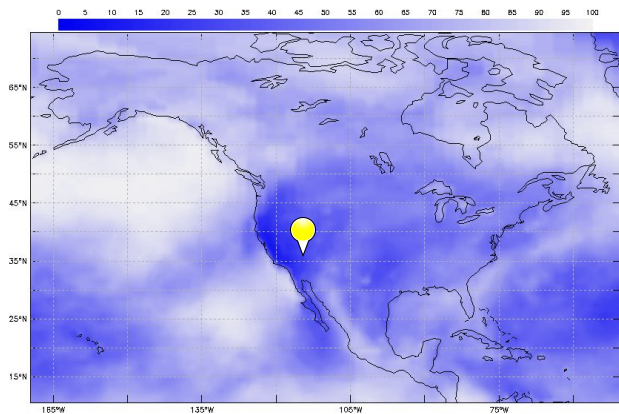
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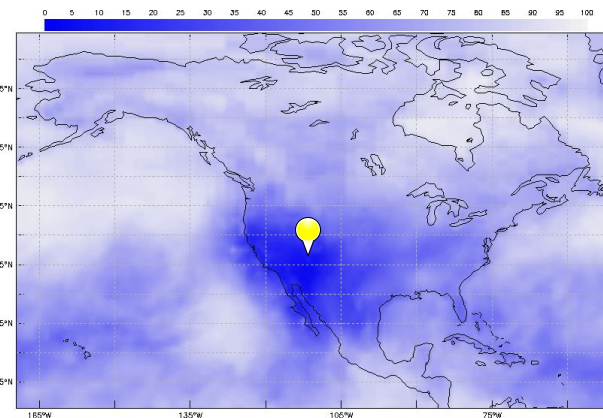
Monthly Total Cloud Coverage (percent coverage)



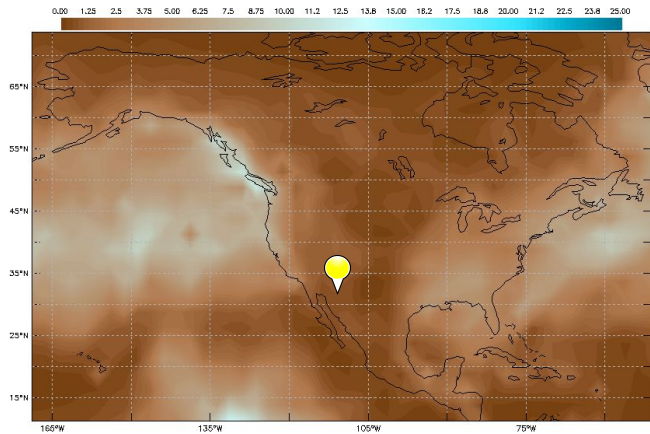
Monthly Total Cloud Coverage (percent coverage)



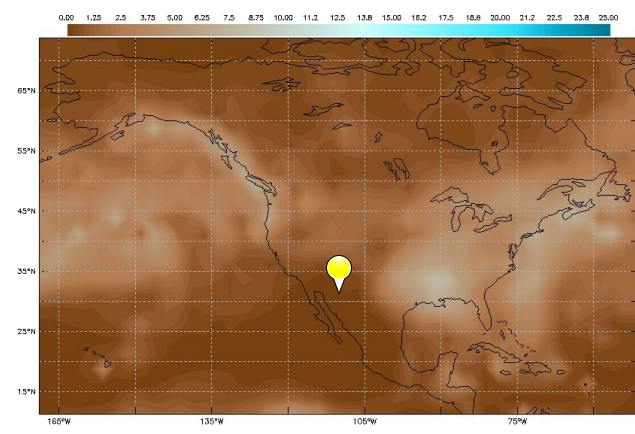
Monthly Total Cloud Coverage (percent coverage)



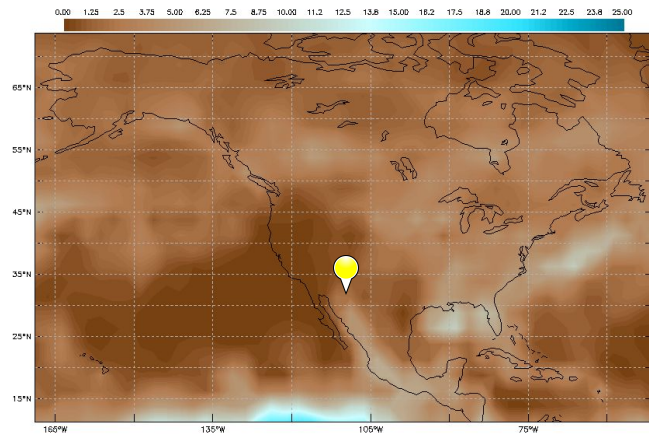
Monthly Average Precipitation Rate (millimeters per day)



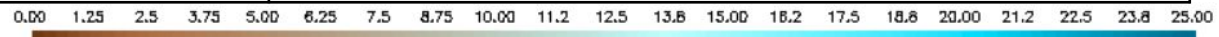
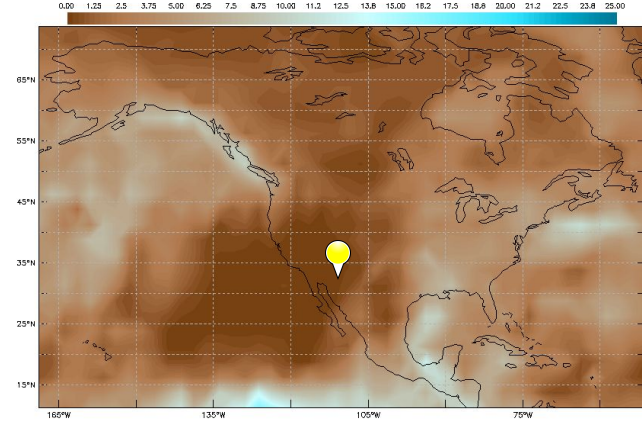
Monthly Average Precipitation Rate (millimeters per day)



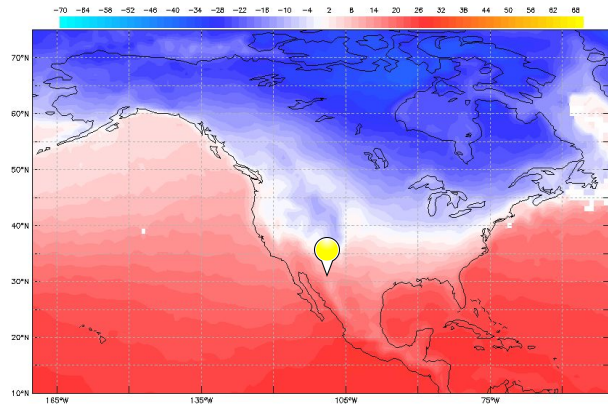
Monthly Average Precipitation Rate (millimeters per day)



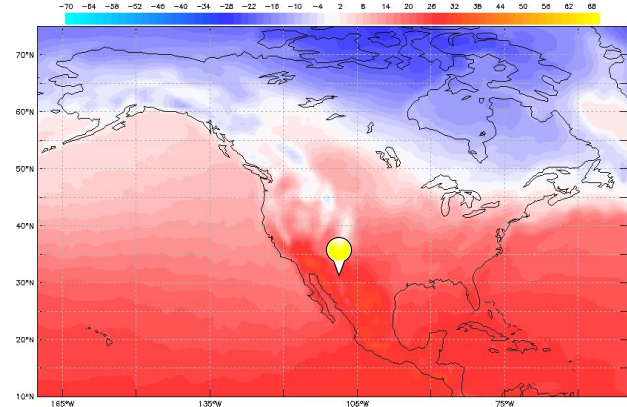
Monthly Average Precipitation Rate (millimeters per day)



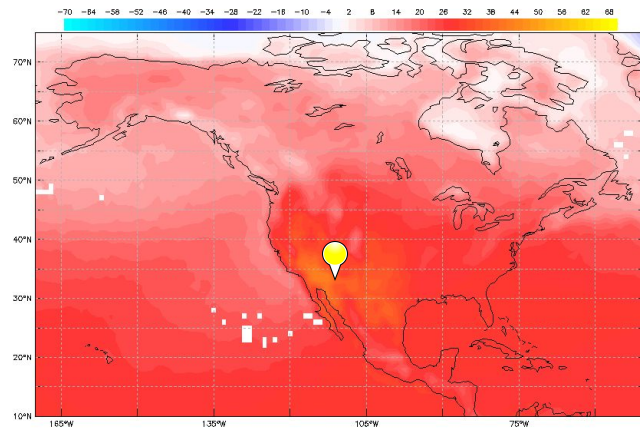
Monthly Surface (Skin) Temperature (degrees Celsius)



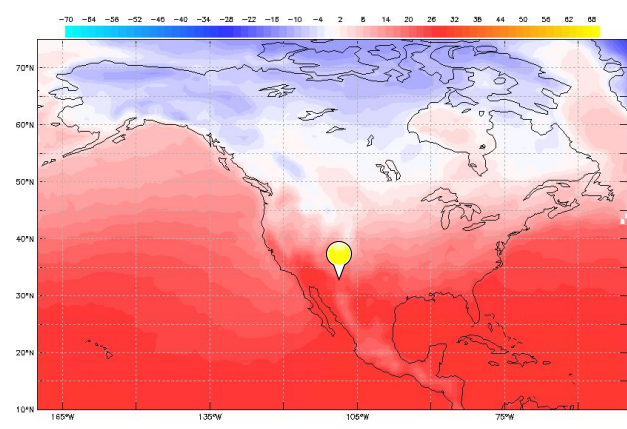
Monthly Surface (Skin) Temperature (degrees Celsius)



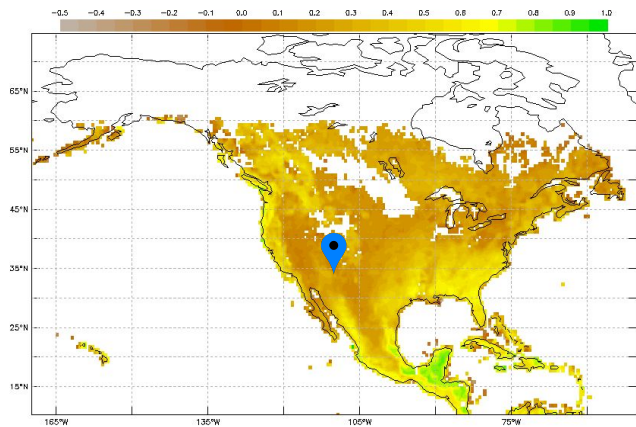
Monthly Surface (Skin) Temperature (degrees Celsius)



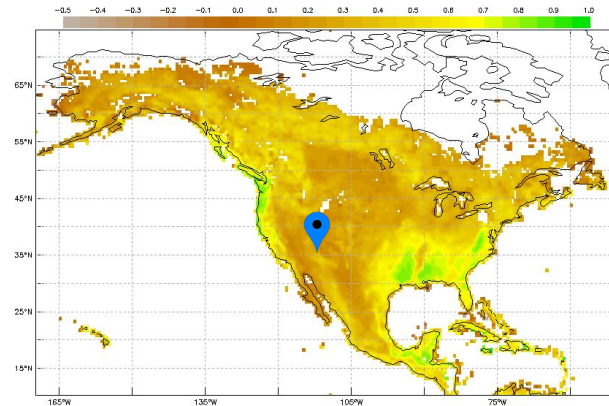
Monthly Surface (Skin) Temperature (degrees Celsius)



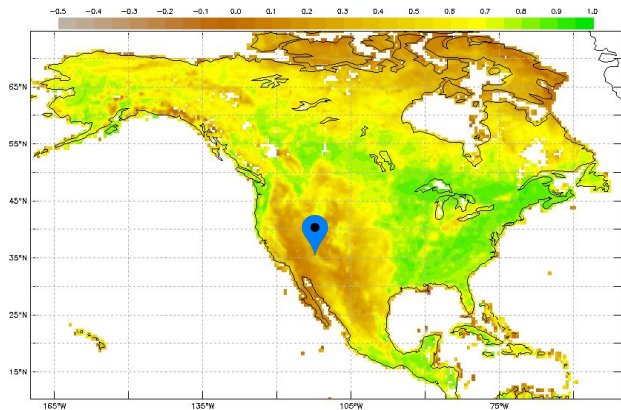
Monthly Normalized Difference Vegetation Index (dimensionless)



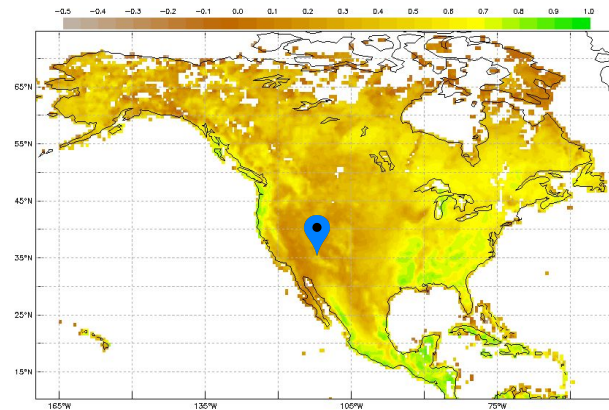
Monthly Normalized Difference Vegetation Index (dimensionless)



Monthly Normalized Difference Vegetation Index (dimensionless)



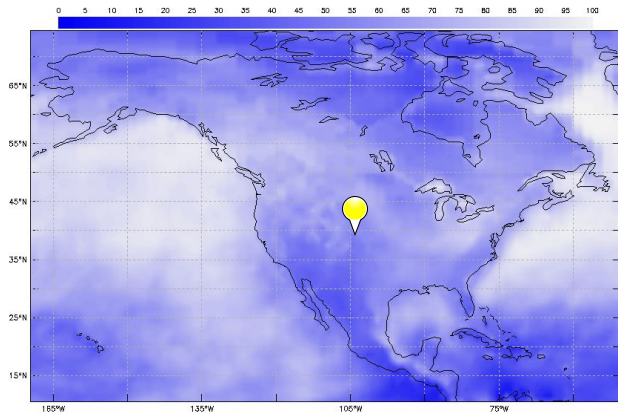
Monthly Normalized Difference Vegetation Index (dimensionless)



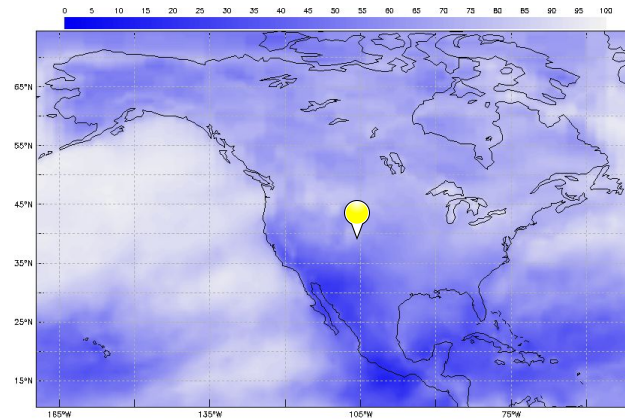


**Camp 6:
Camp Granite Lake
Golden, CO**

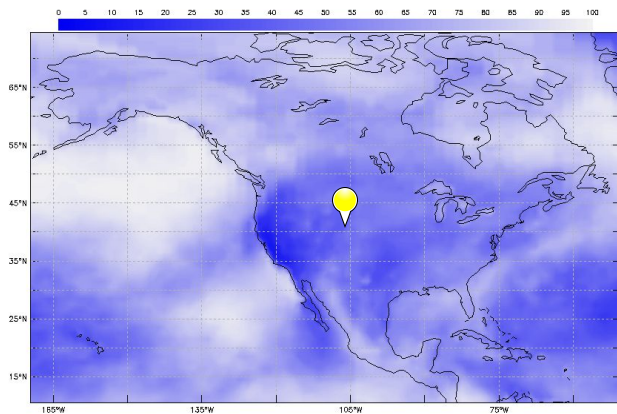
Monthly Total Cloud Coverage (percent coverage)



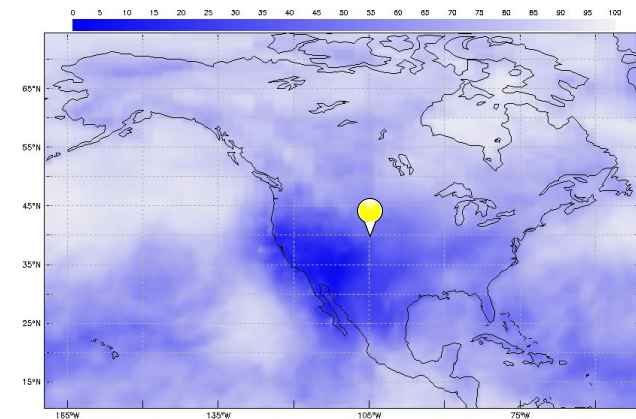
Monthly Total Cloud Coverage (percent coverage)



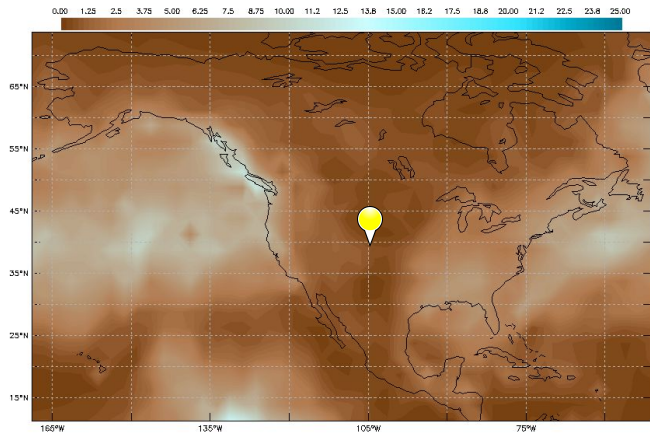
Monthly Total Cloud Coverage (percent coverage)



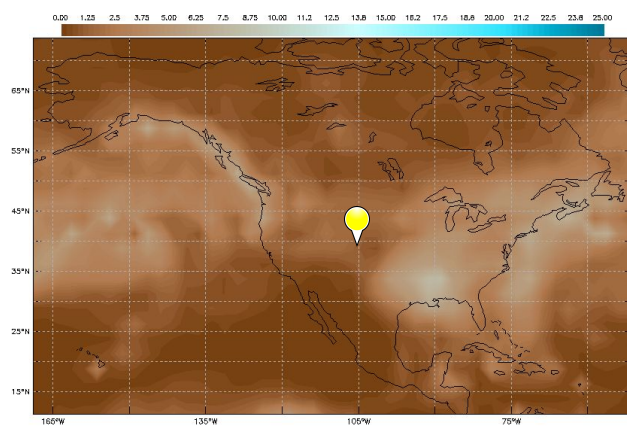
Monthly Total Cloud Coverage (percent coverage)



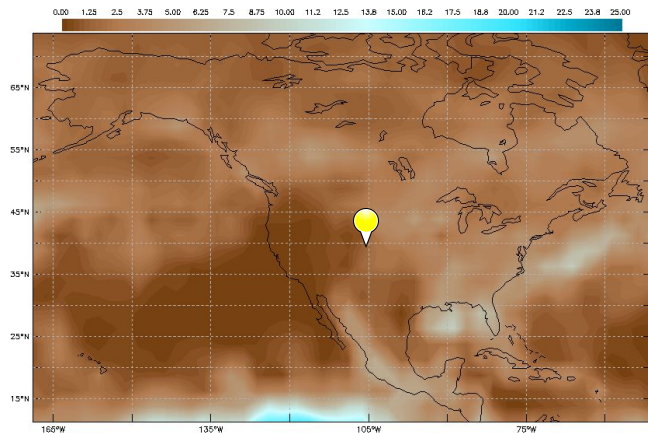
Monthly Average Precipitation Rate (millimeters per day)



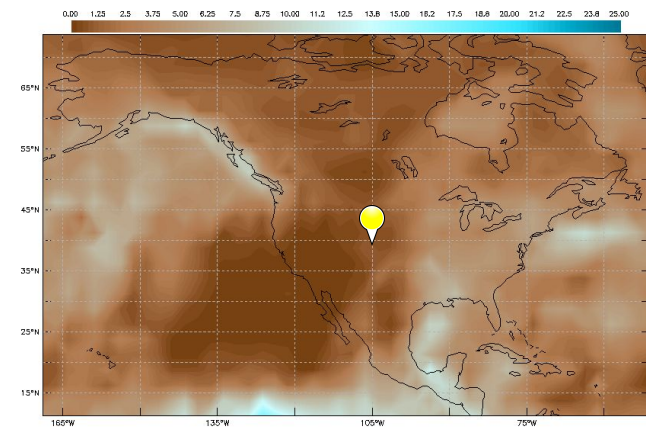
Monthly Average Precipitation Rate (millimeters per day)



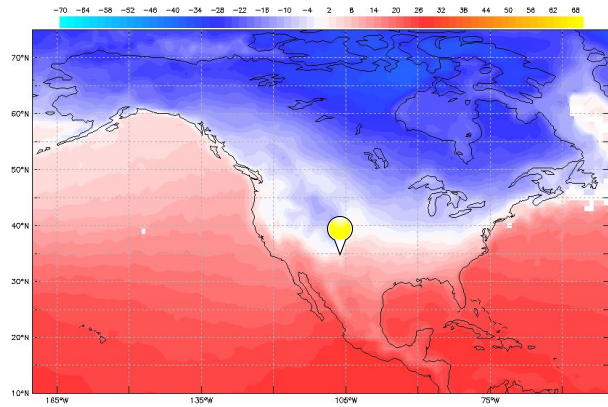
Monthly Average Precipitation Rate (millimeters per day)



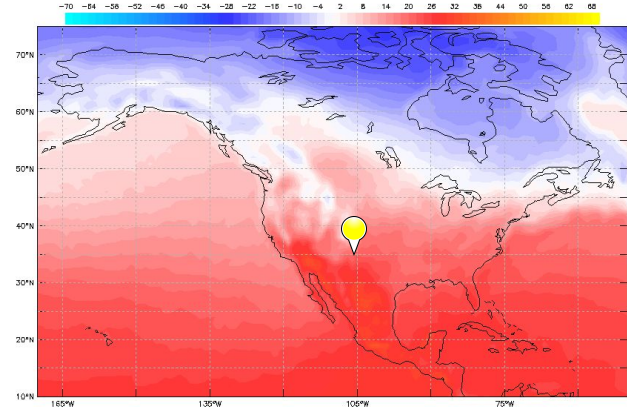
Monthly Average Precipitation Rate (millimeters per day)



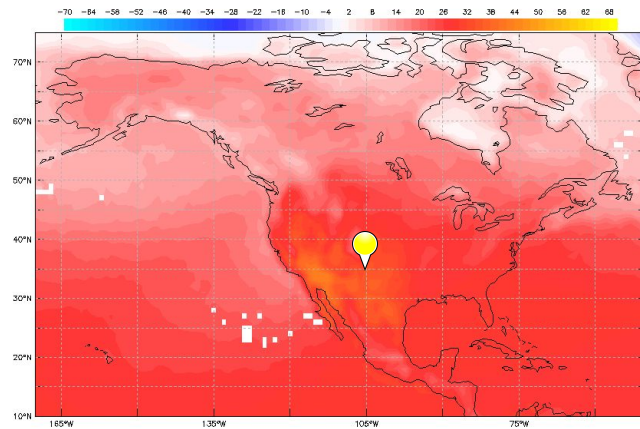
Monthly Surface (Skin) Temperature (degrees Celsius)



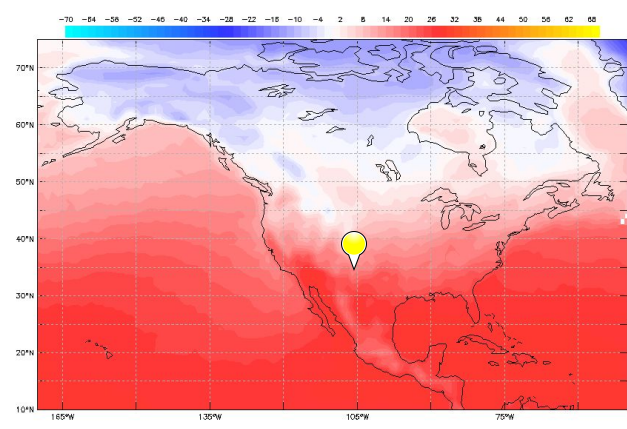
Monthly Surface (Skin) Temperature (degrees Celsius)



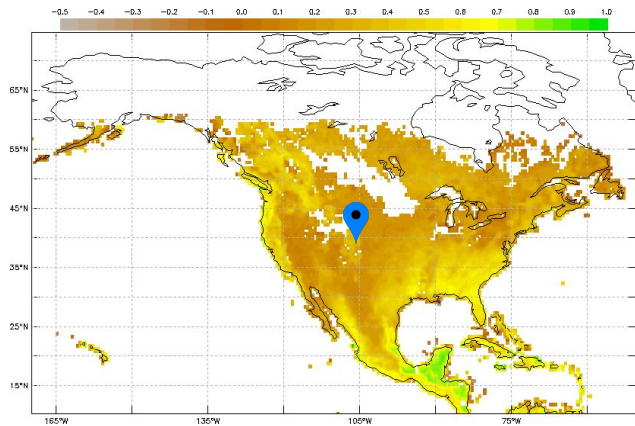
Monthly Surface (Skin) Temperature (degrees Celsius)



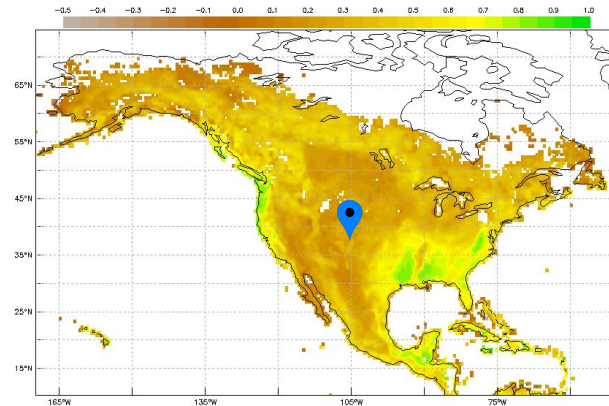
Monthly Surface (Skin) Temperature (degrees Celsius)



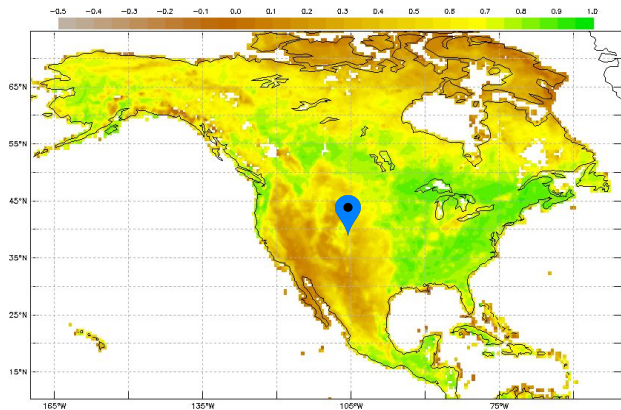
Monthly Normalized Difference Vegetation Index (dimensionless)



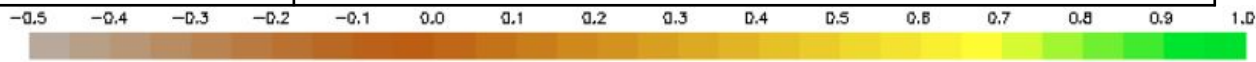
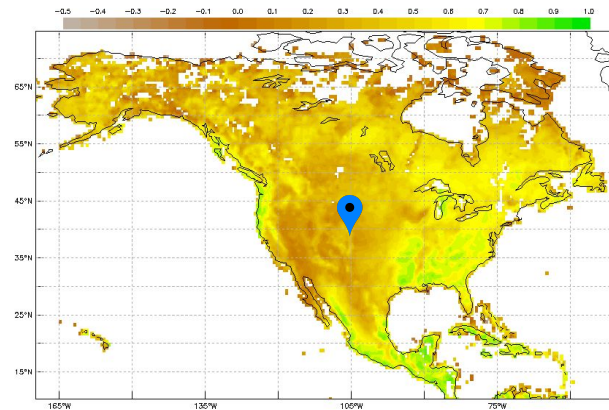
Monthly Normalized Difference Vegetation Index (dimensionless)




Monthly Normalized Difference Vegetation Index (dimensionless)



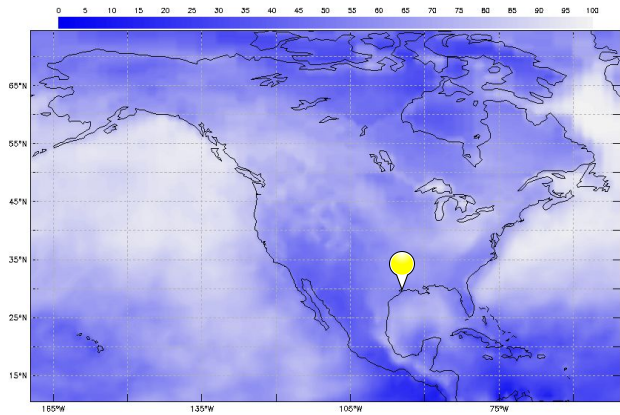
Monthly Normalized Difference Vegetation Index (dimensionless)



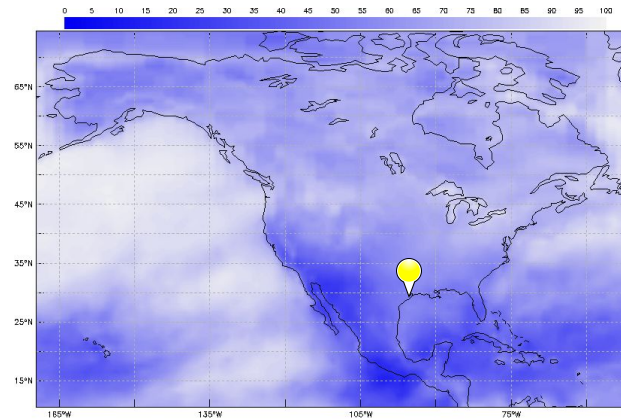


**Camp 7:
Cougar Cub
Summer Camp
Houston, TX**

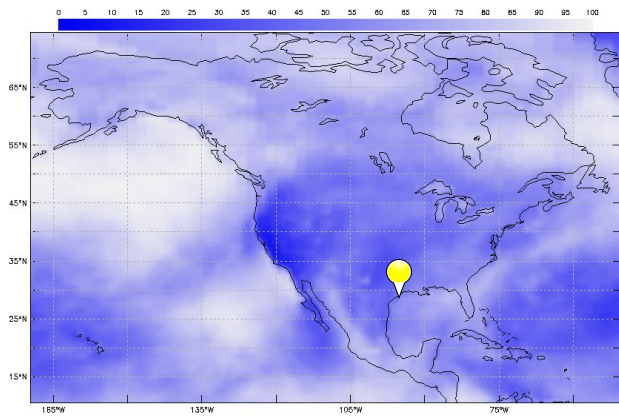
Monthly Total Cloud Coverage (percent coverage)



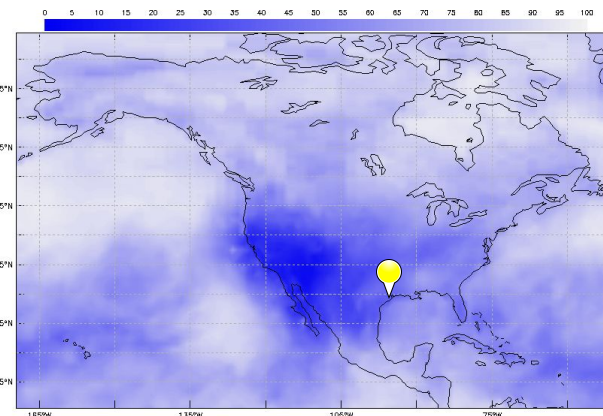
Monthly Total Cloud Coverage (percent coverage)



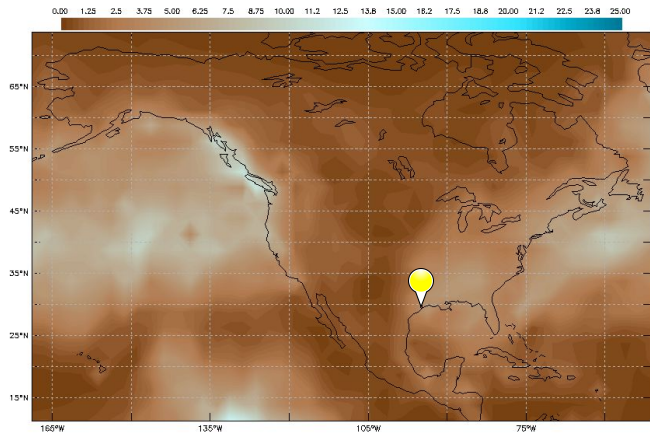
Monthly Total Cloud Coverage (percent coverage)



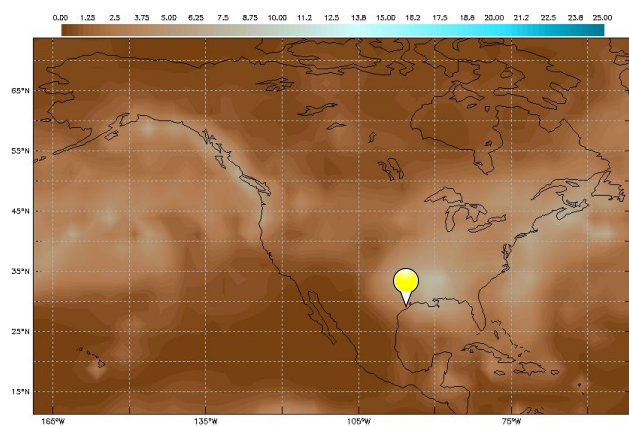
Monthly Total Cloud Coverage (percent coverage)



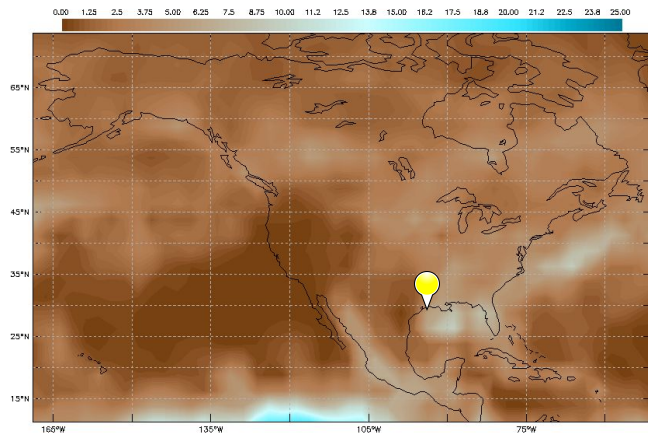
Monthly Average Precipitation Rate (millimeters per day)



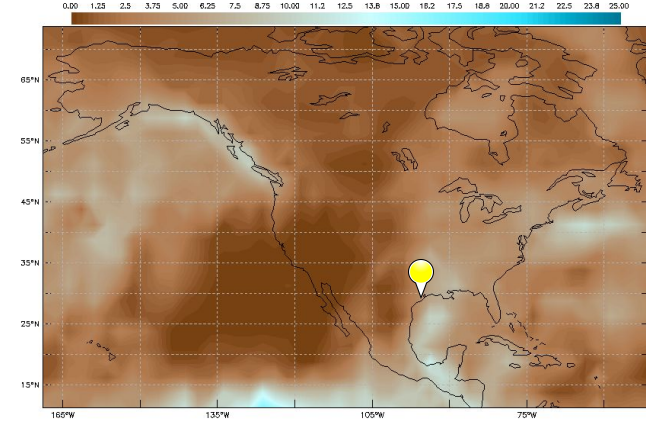
Monthly Average Precipitation Rate (millimeters per day)



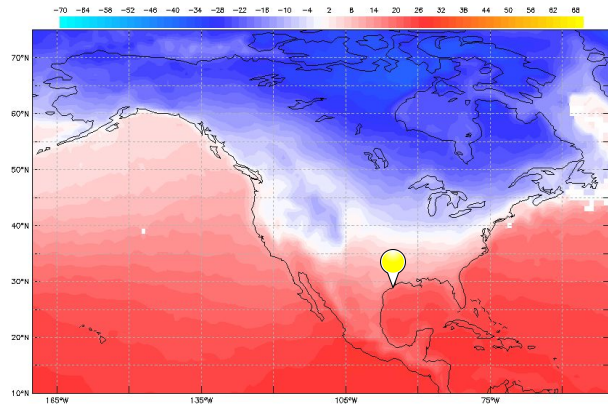
Monthly Average Precipitation Rate (millimeters per day)



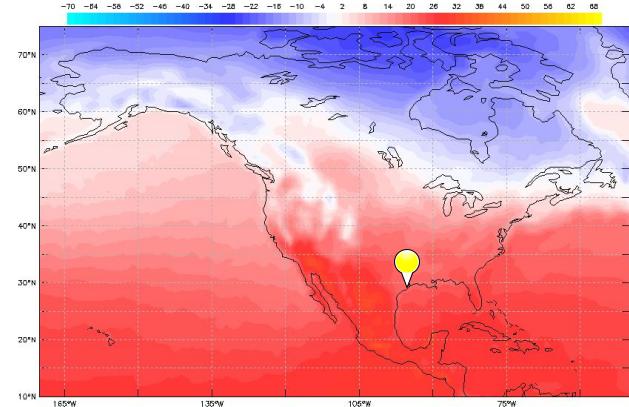
Monthly Average Precipitation Rate (millimeters per day)



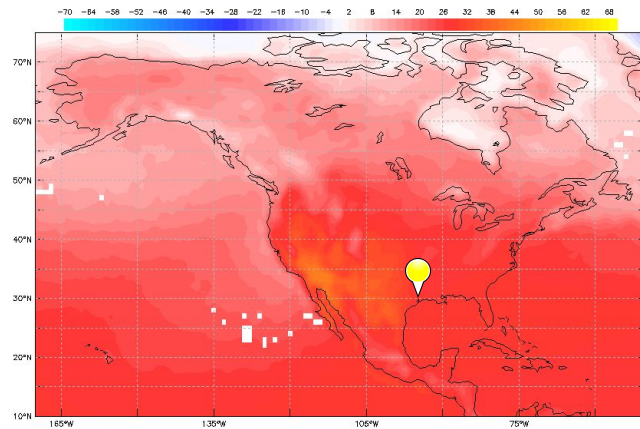
Monthly Surface (Skin) Temperature (degrees Celsius)



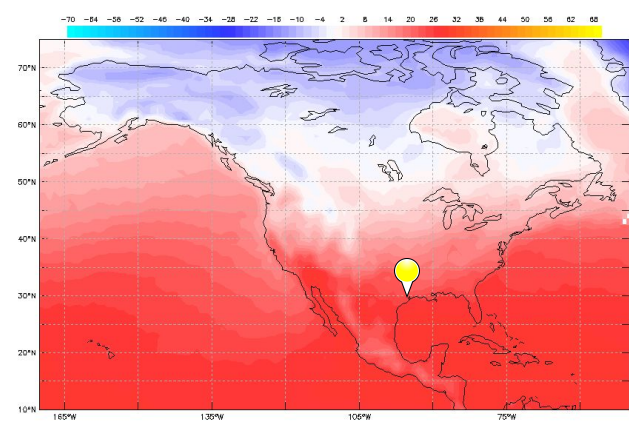
Monthly Surface (Skin) Temperature (degrees Celsius)



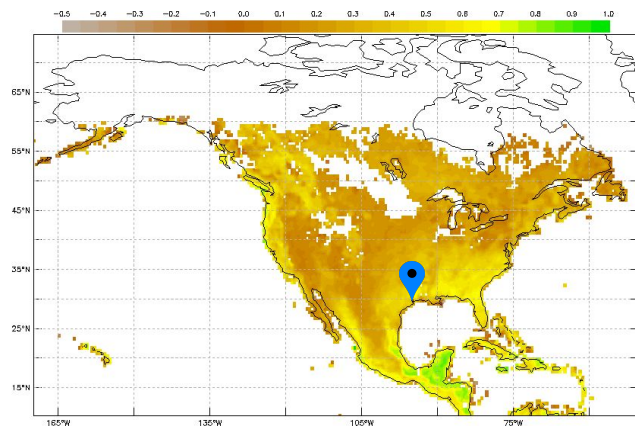
Monthly Surface (Skin) Temperature (degrees Celsius)



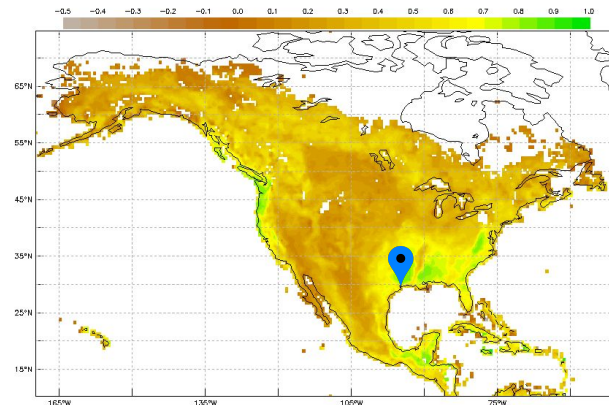
Monthly Surface (Skin) Temperature (degrees Celsius)



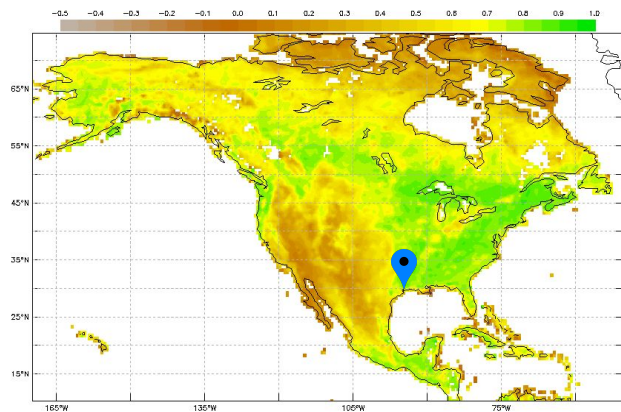
Monthly Normalized Difference Vegetation Index (dimensionless)



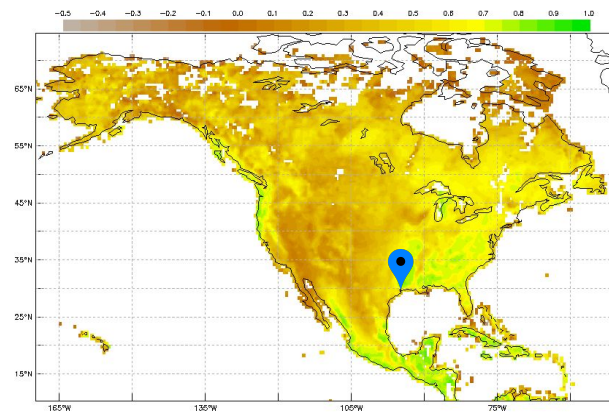
Monthly Normalized Difference Vegetation Index (dimensionless)



Monthly Normalized Difference Vegetation Index (dimensionless)



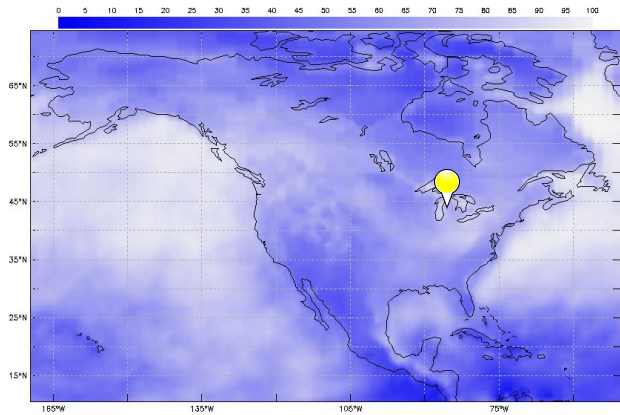
Monthly Normalized Difference Vegetation Index (dimensionless)



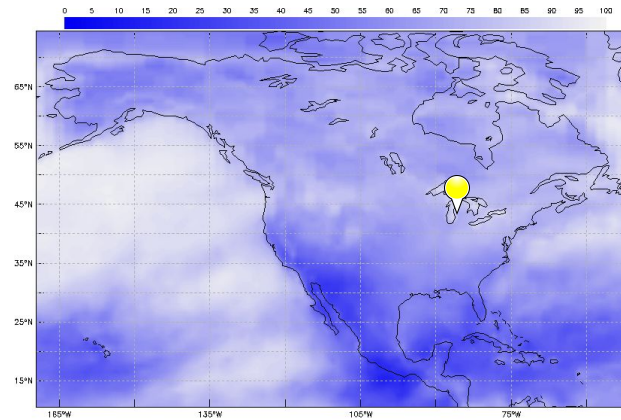


**Camp 8:
Summer My Way
YMCA
Niles, MI**

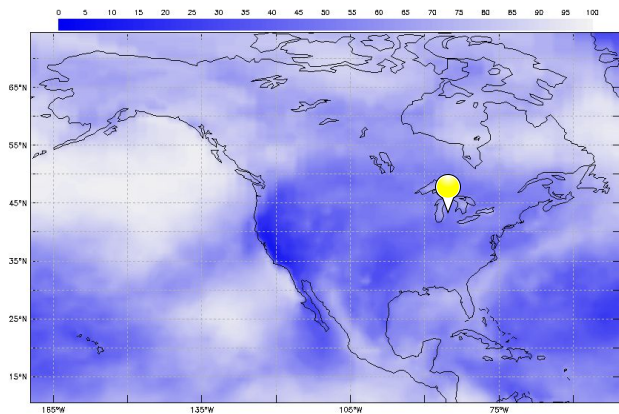
Monthly Total Cloud Coverage (percent coverage)



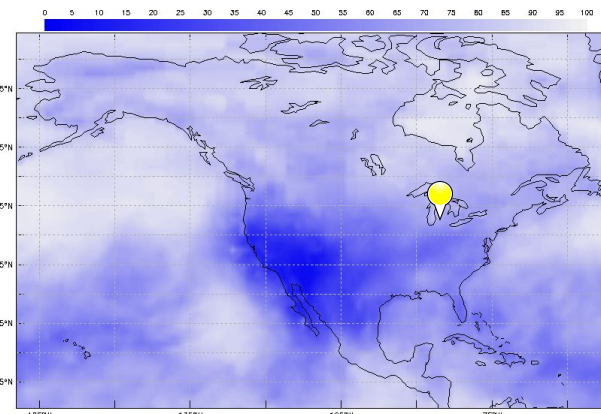
Monthly Total Cloud Coverage (percent coverage)



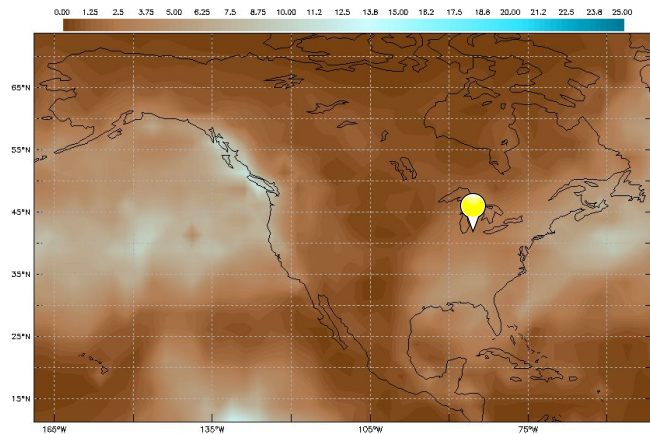
Monthly Total Cloud Coverage (percent coverage)



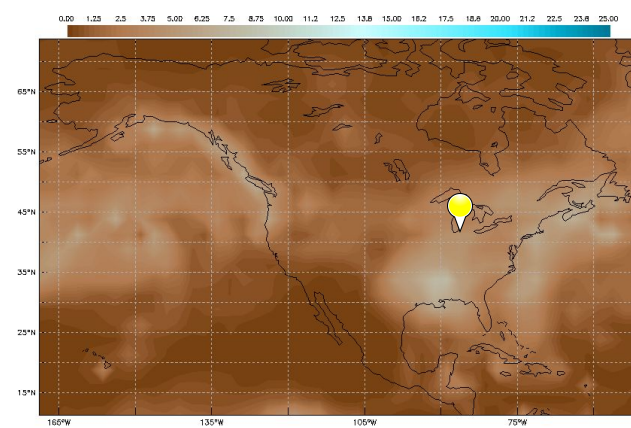
Monthly Total Cloud Coverage (percent coverage)



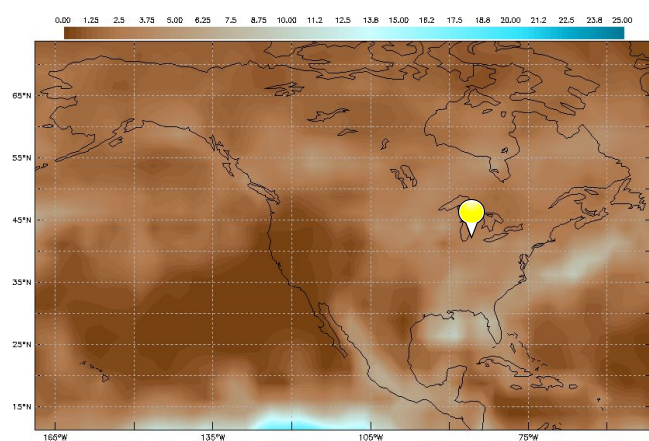
Monthly Average Precipitation Rate (millimeters per day)



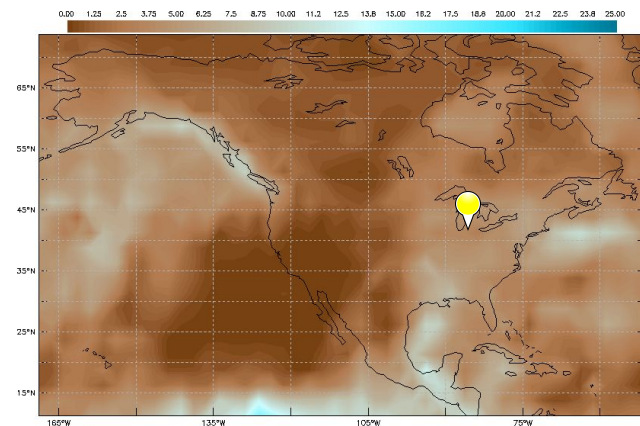
Monthly Average Precipitation Rate (millimeters per day)



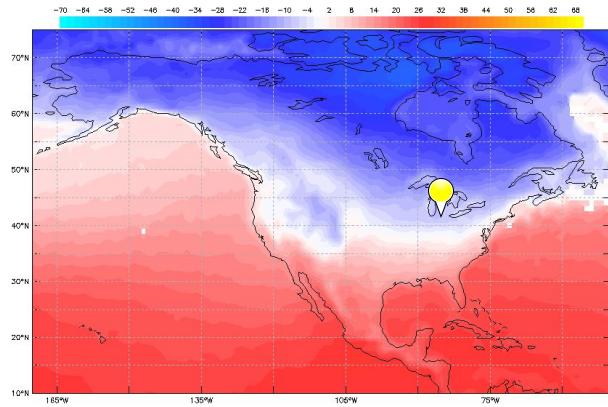
Monthly Average Precipitation Rate (millimeters per day)



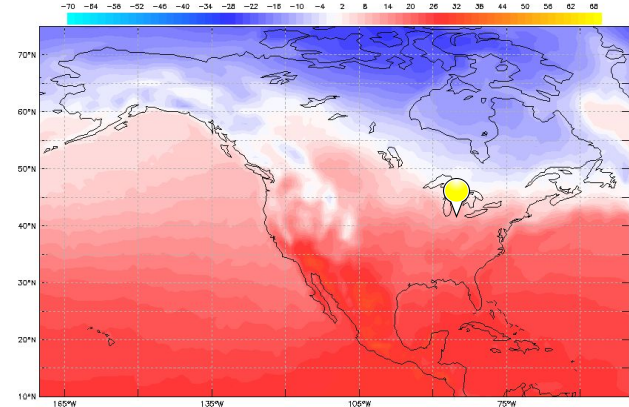
Monthly Average Precipitation Rate (millimeters per day)



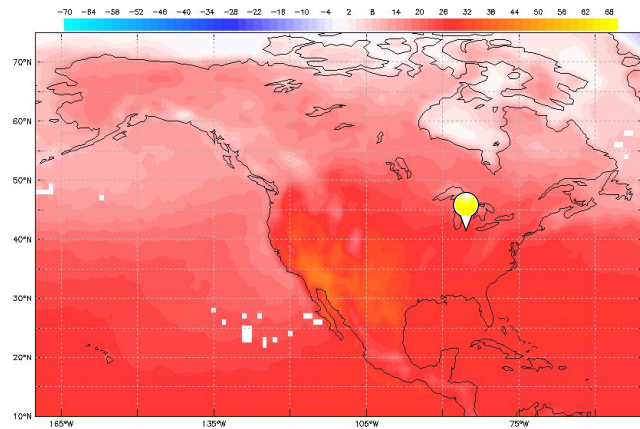
Monthly Surface (Skin) Temperature (degrees Celsius)



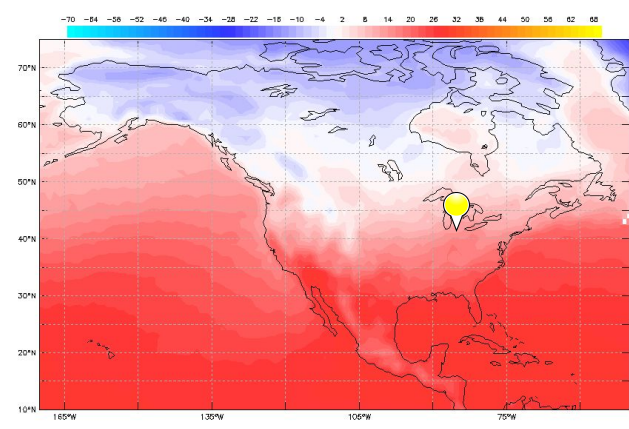
Monthly Surface (Skin) Temperature (degrees Celsius)



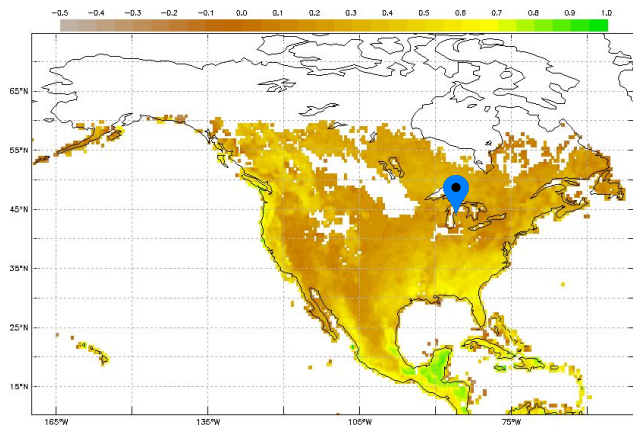
Monthly Surface (Skin) Temperature (degrees Celsius)



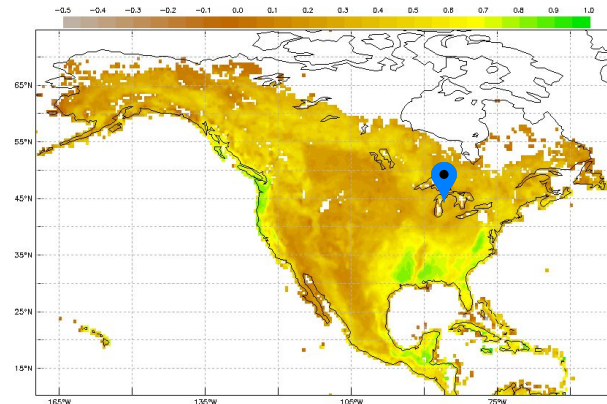
Monthly Surface (Skin) Temperature (degrees Celsius)



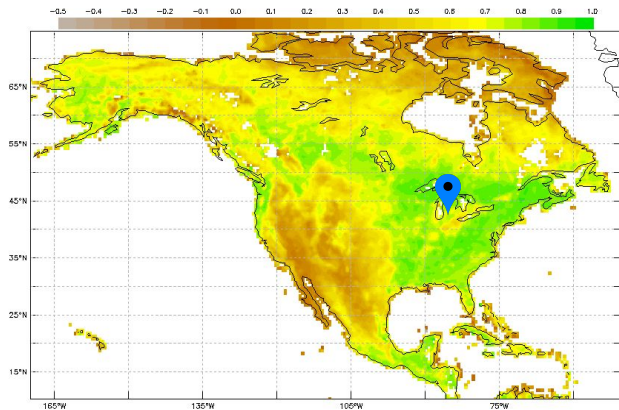
Monthly Normalized Difference Vegetation Index (dimensionless)



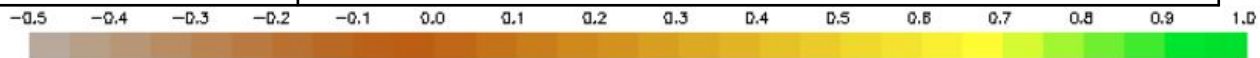
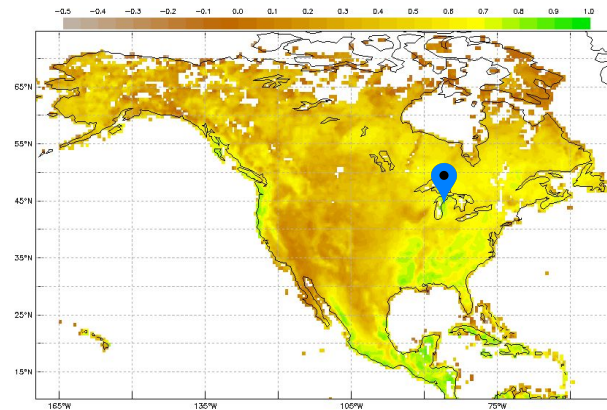
Monthly Normalized Difference Vegetation Index (dimensionless)




Monthly Normalized Difference Vegetation Index (dimensionless)



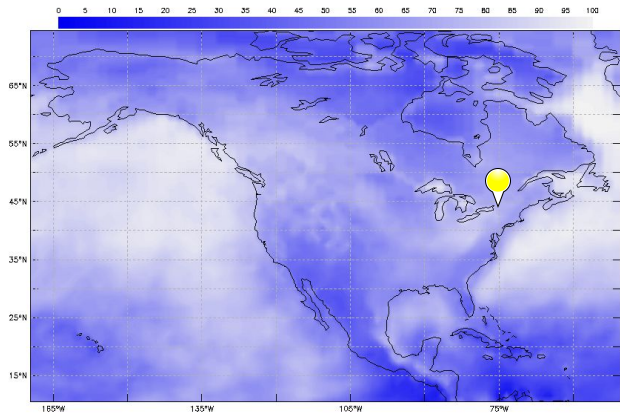
Monthly Normalized Difference Vegetation Index (dimensionless)



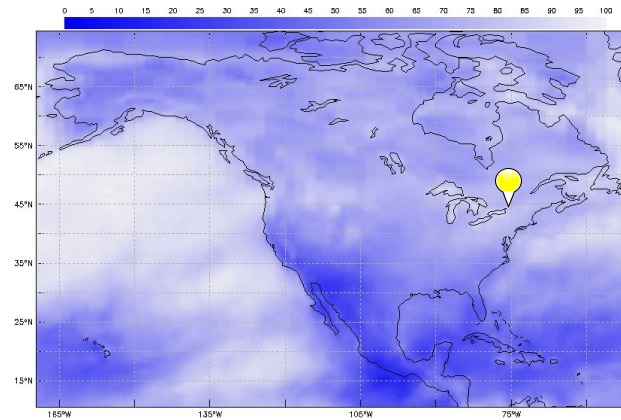


**Camp 9:
STEP STEM Camp
Fredonia, NY**

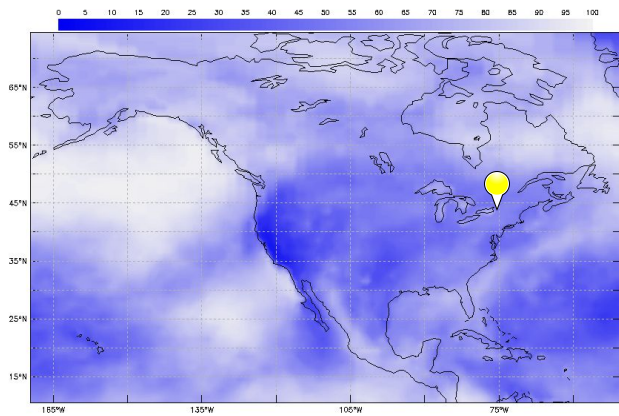
Monthly Total Cloud Coverage (percent coverage)



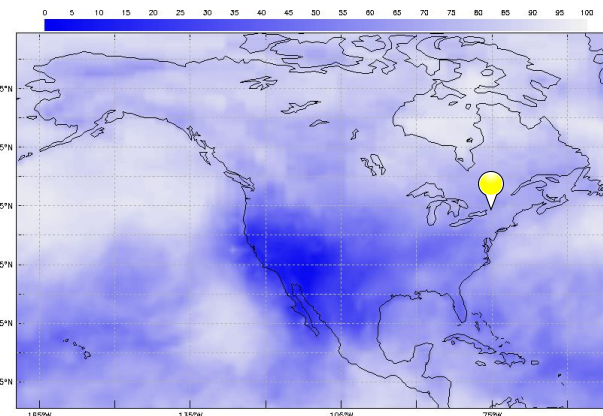
Monthly Total Cloud Coverage (percent coverage)



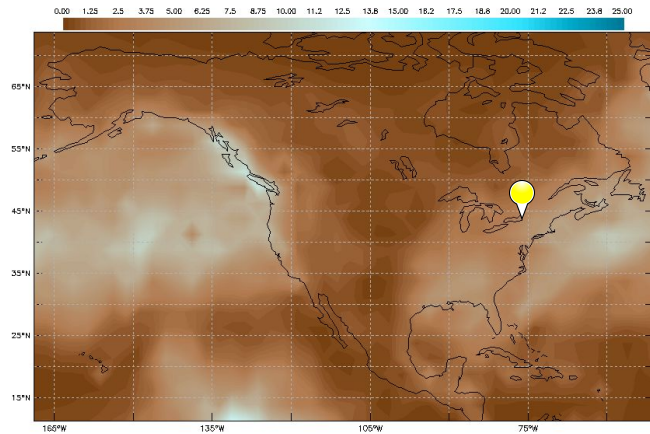
Monthly Total Cloud Coverage (percent coverage)



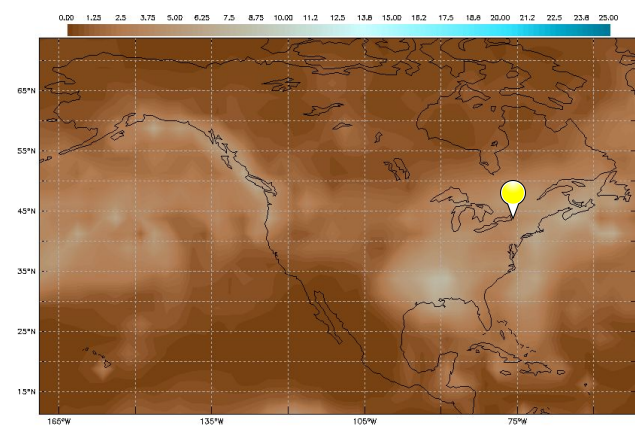
Monthly Total Cloud Coverage (percent coverage)



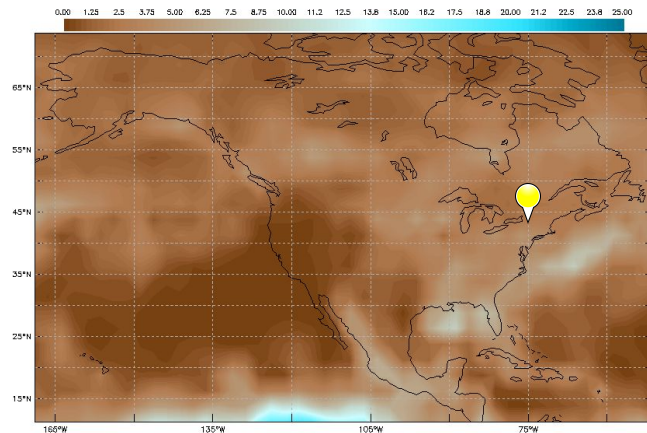
Monthly Average Precipitation Rate (millimeters per day)



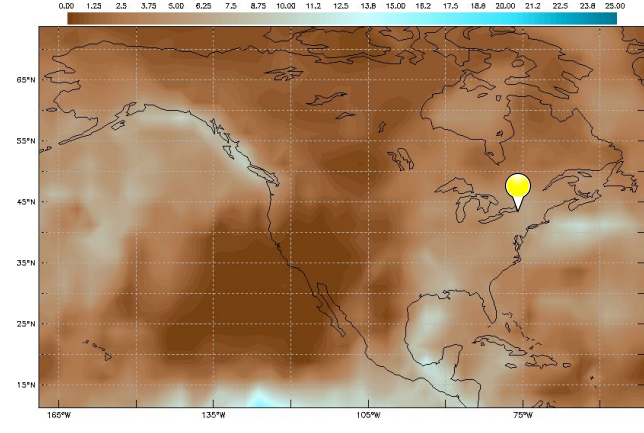
Monthly Average Precipitation Rate (millimeters per day)



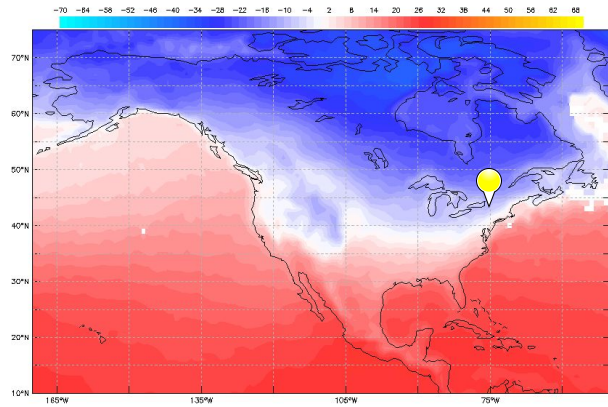
Monthly Average Precipitation Rate (millimeters per day)



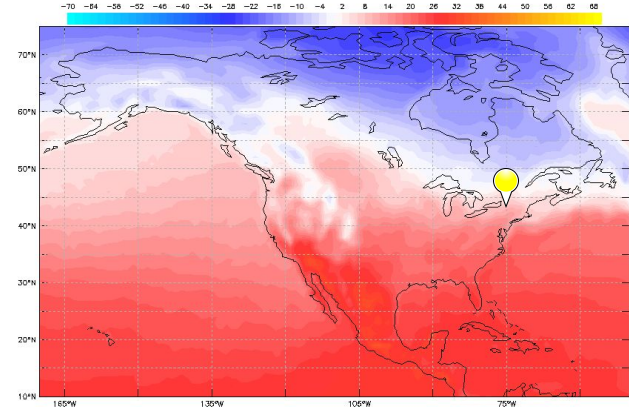
Monthly Average Precipitation Rate (millimeters per day)



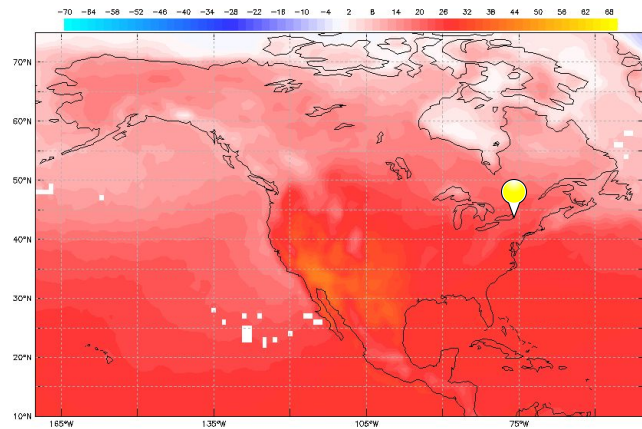
Monthly Surface (Skin) Temperature (degrees Celsius)



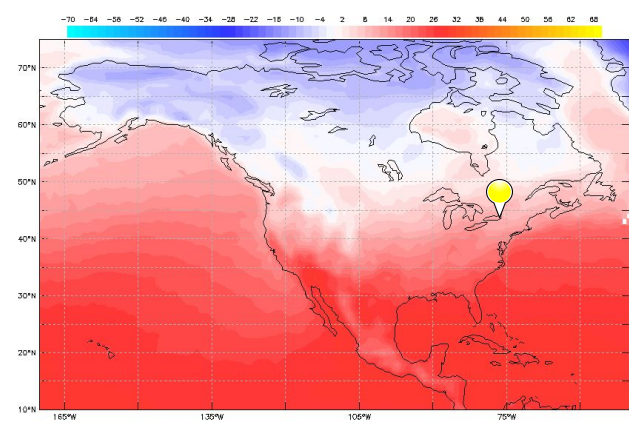
Monthly Surface (Skin) Temperature (degrees Celsius)



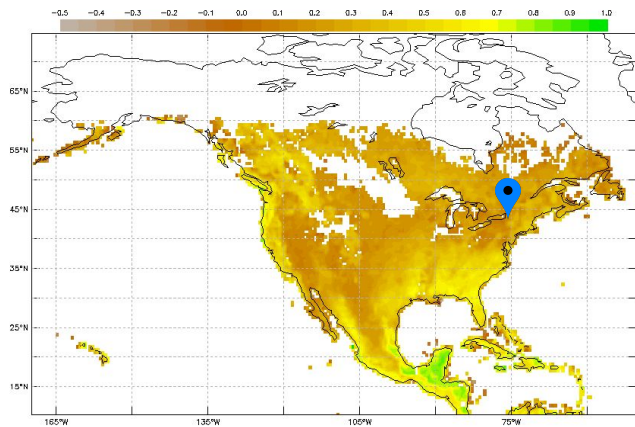
Monthly Surface (Skin) Temperature (degrees Celsius)



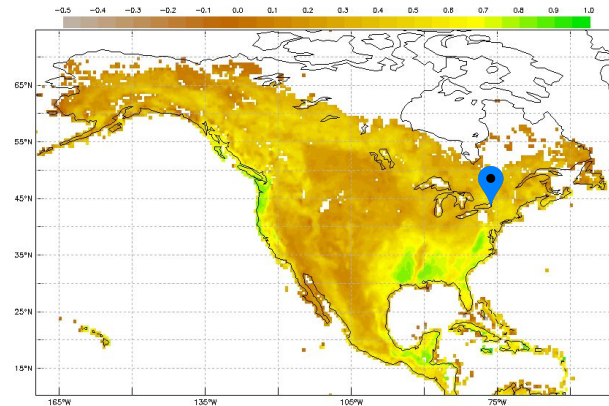
Monthly Surface (Skin) Temperature (degrees Celsius)



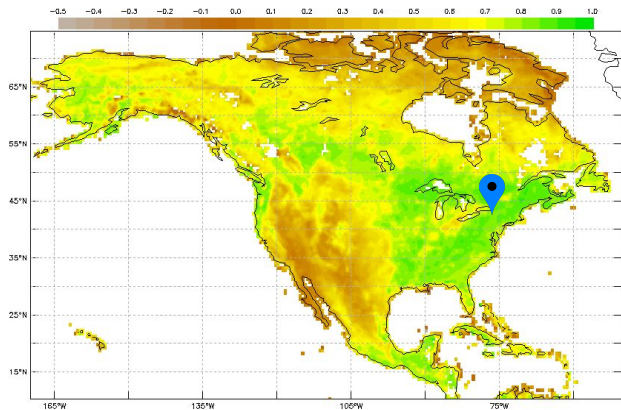
Monthly Normalized Difference Vegetation Index (dimensionless)



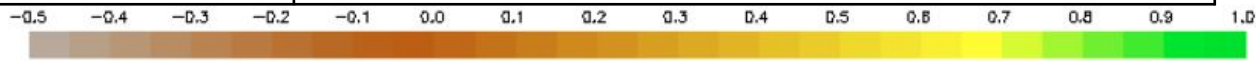
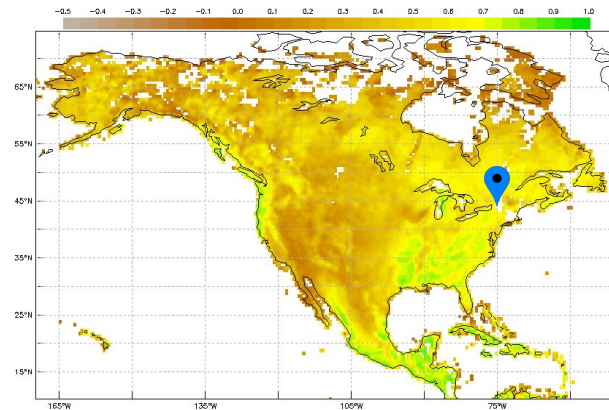
Monthly Normalized Difference Vegetation Index (dimensionless)

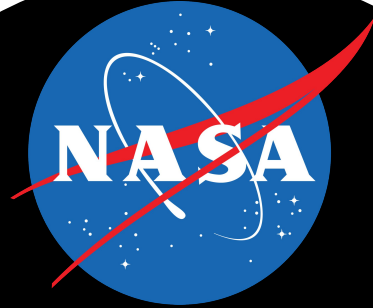


Monthly Normalized Difference Vegetation Index (dimensionless)



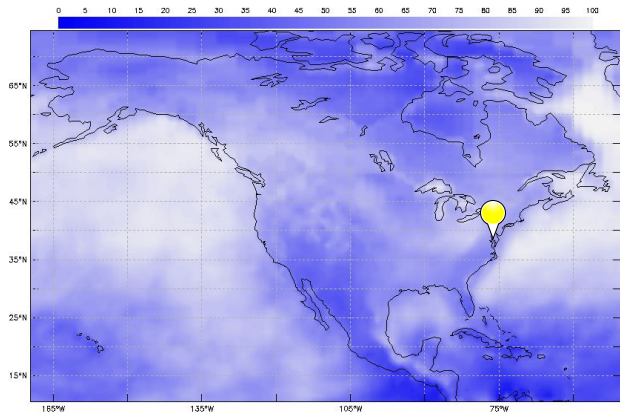
Monthly Normalized Difference Vegetation Index (dimensionless)



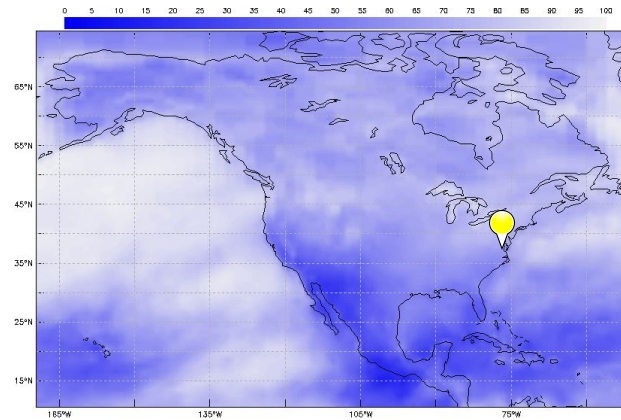


**Site 10 -
NASA Langley
Research Center
Hampton, VA**

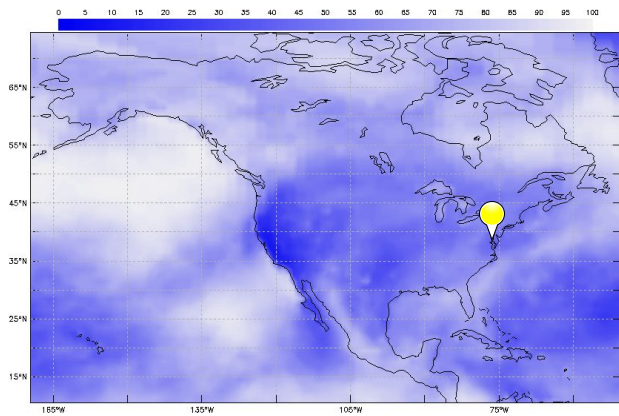
Monthly Total Cloud Coverage (percent coverage)



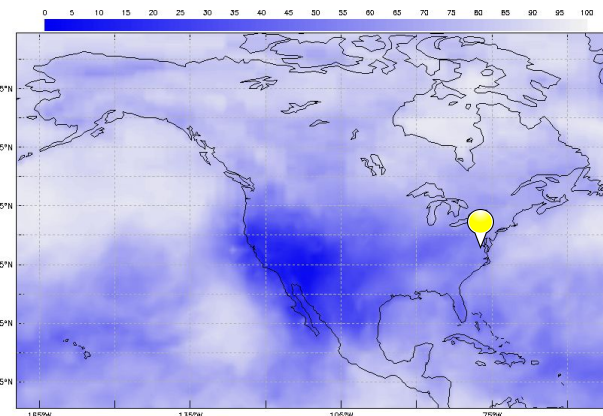
Monthly Total Cloud Coverage (percent coverage)



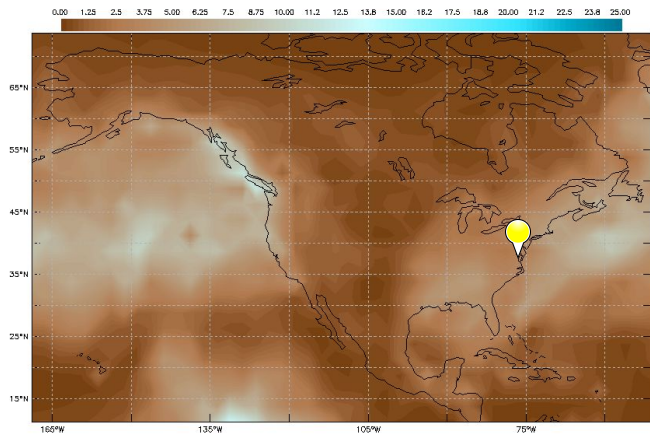
Monthly Total Cloud Coverage (percent coverage)



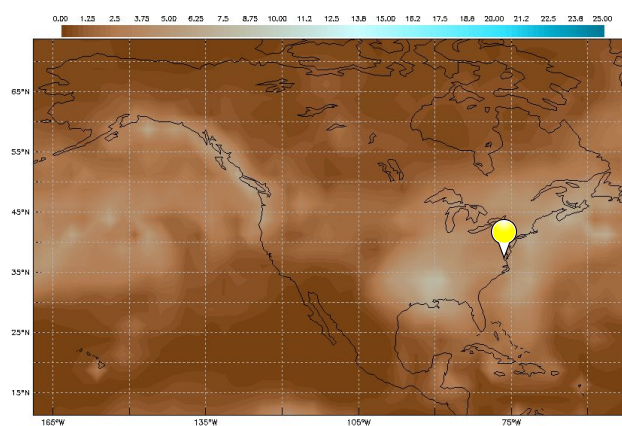
Monthly Total Cloud Coverage (percent coverage)



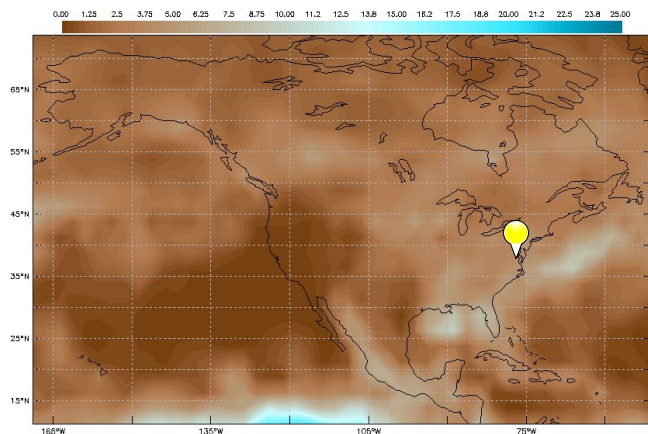
Monthly Average Precipitation Rate (millimeters per day)



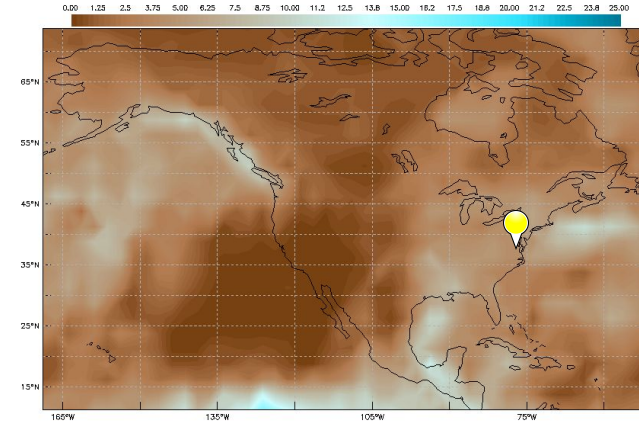
Monthly Average Precipitation Rate (millimeters per day)



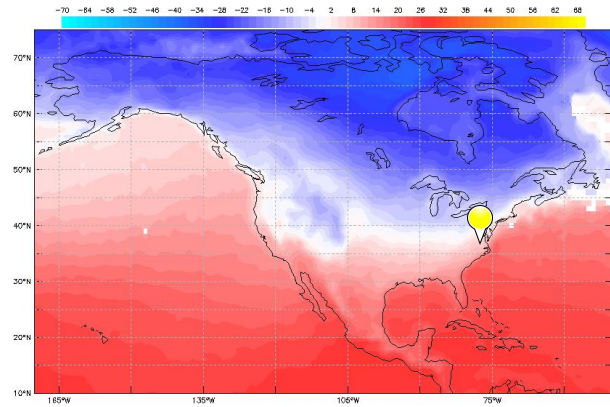
Monthly Average Precipitation Rate (millimeters per day)



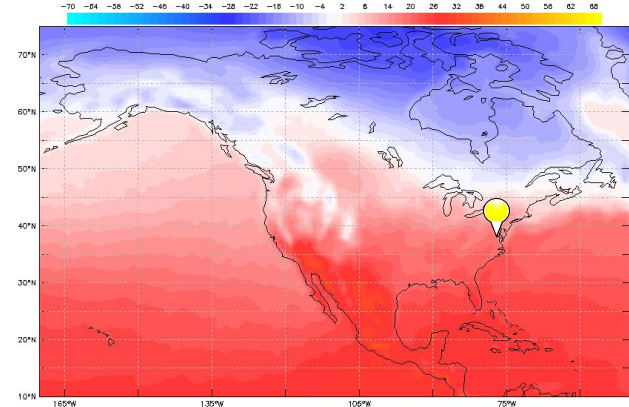
Monthly Average Precipitation Rate (millimeters per day)



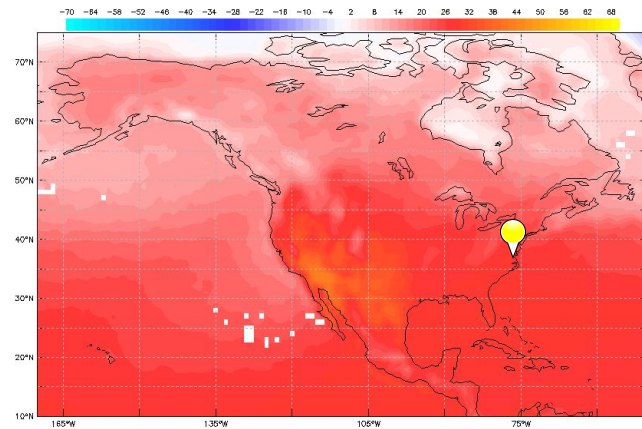
Monthly Surface (Skin) Temperature (degrees Celsius)



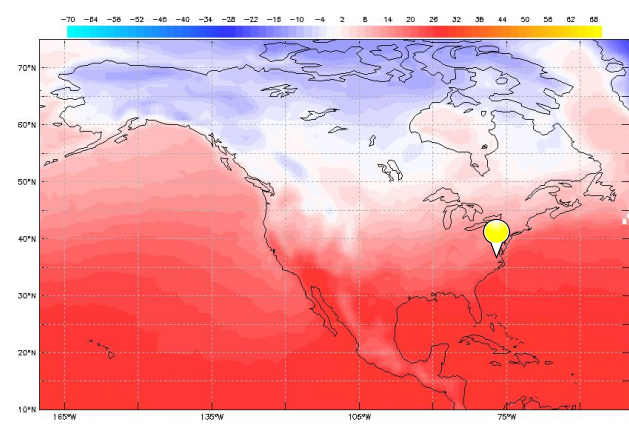
Monthly Surface (Skin) Temperature (degrees Celsius)



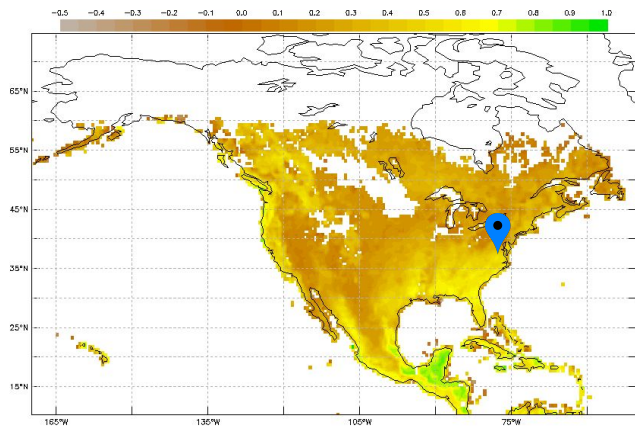
Monthly Surface (Skin) Temperature (degrees Celsius)



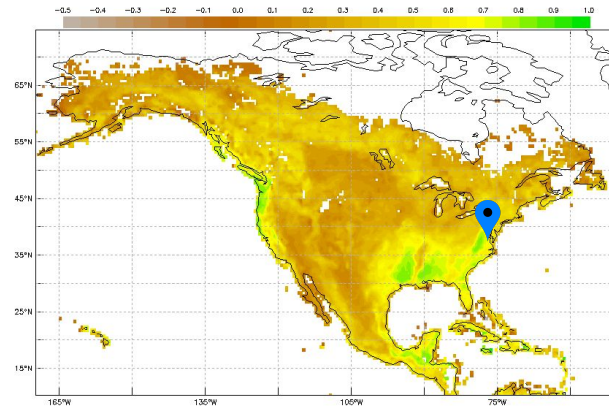
Monthly Surface (Skin) Temperature (degrees Celsius)



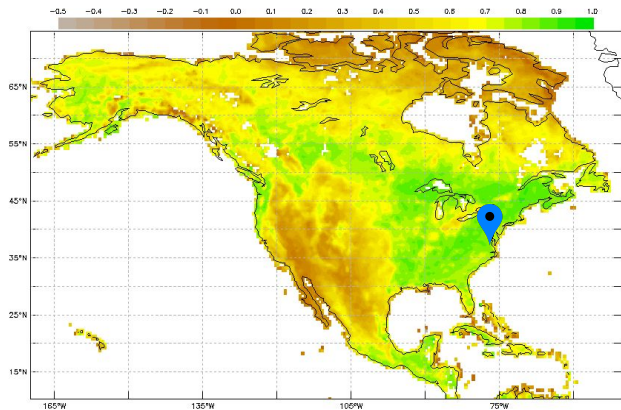
Monthly Normalized Difference Vegetation Index (dimensionless)



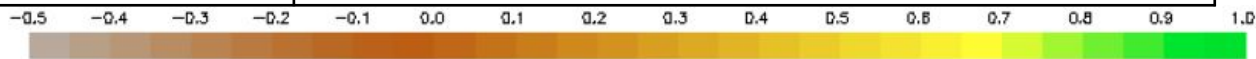
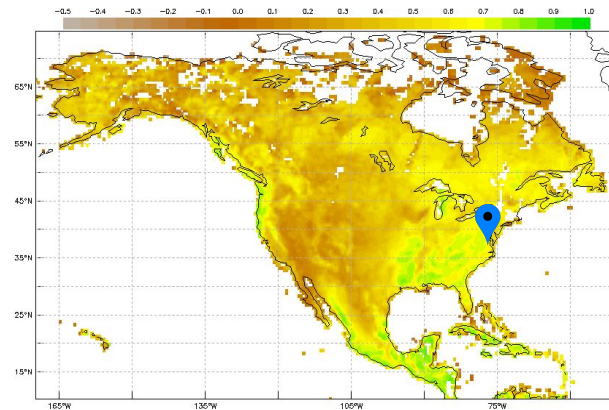
Monthly Normalized Difference Vegetation Index (dimensionless)



Monthly Normalized Difference Vegetation Index (dimensionless)



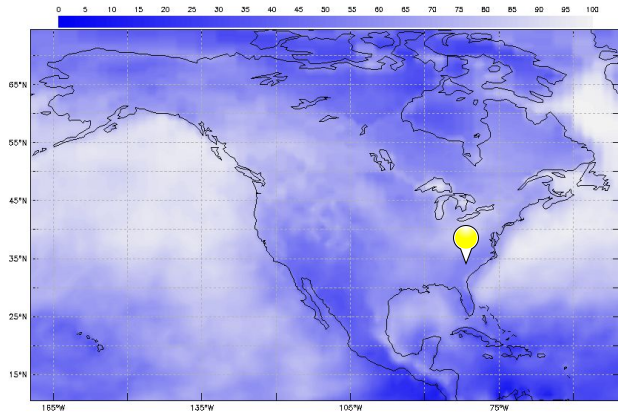
Monthly Normalized Difference Vegetation Index (dimensionless)



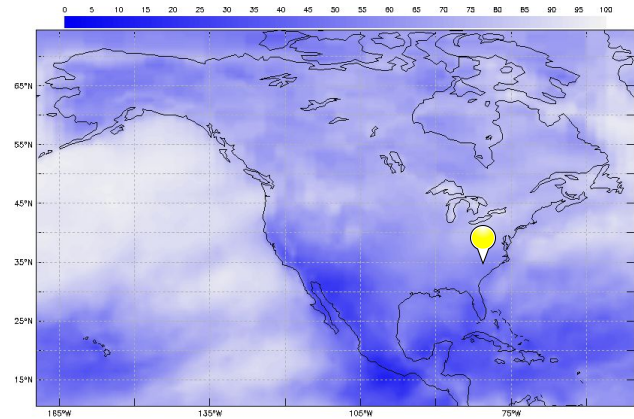


**Camp 11:
Camp Discovery
Blythewood, SC**

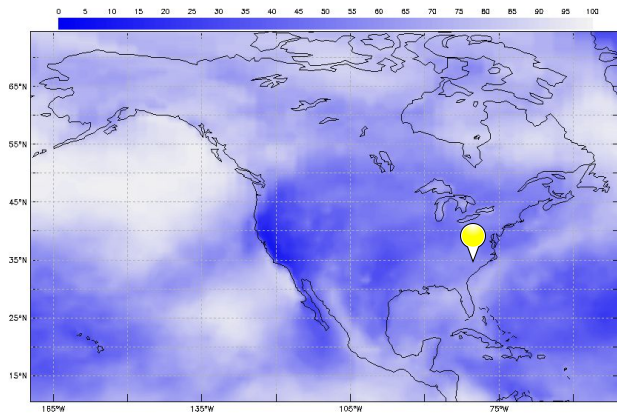
Monthly Total Cloud Coverage (percent coverage)



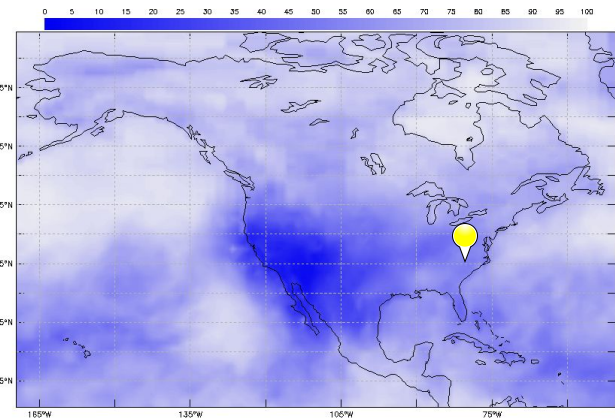
Monthly Total Cloud Coverage (percent coverage)



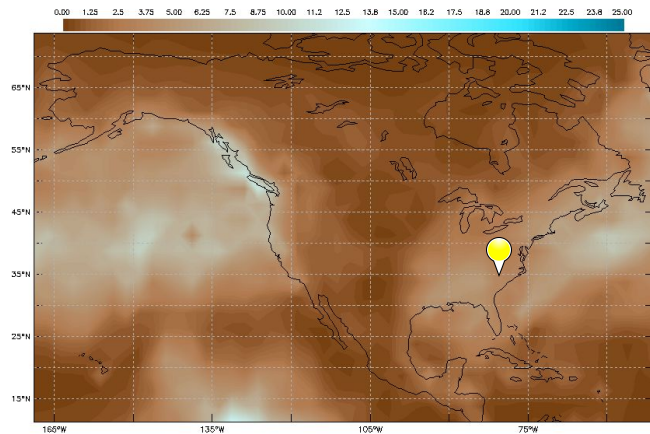
Monthly Total Cloud Coverage (percent coverage)



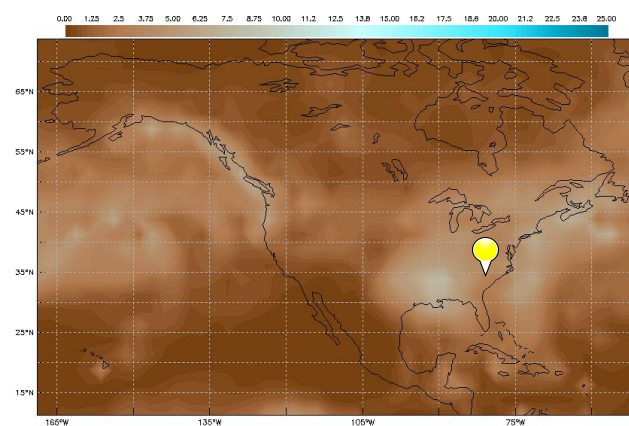
Monthly Total Cloud Coverage (percent coverage)



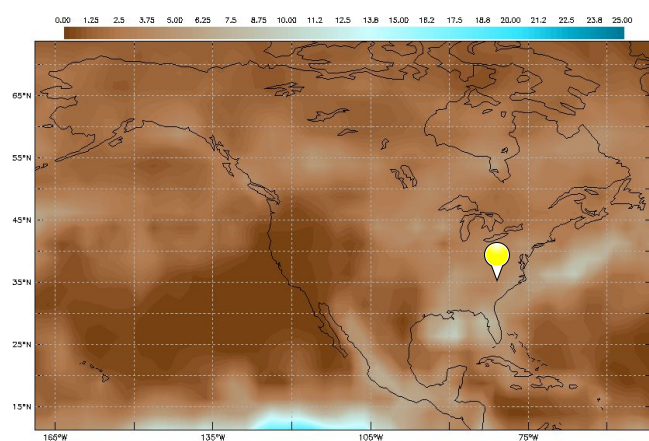
Monthly Average Precipitation Rate (millimeters per day)



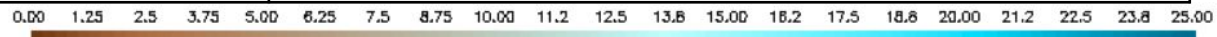
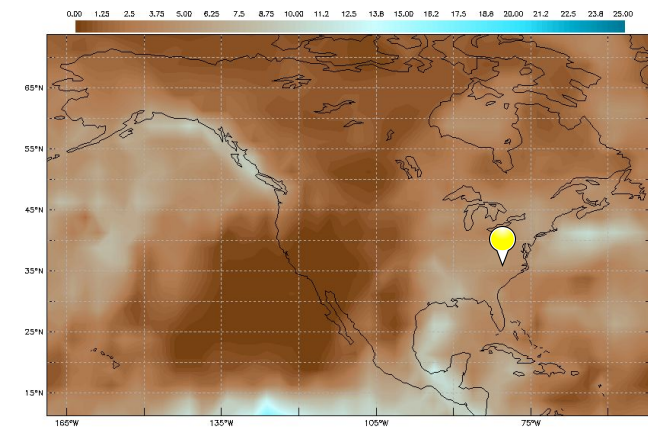
Monthly Average Precipitation Rate (millimeters per day)



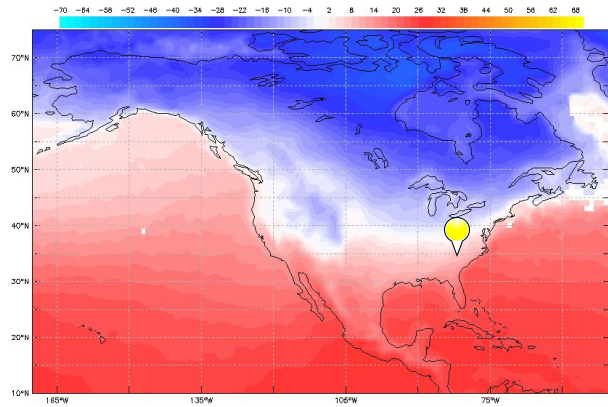
Monthly Average Precipitation Rate (millimeters per day)



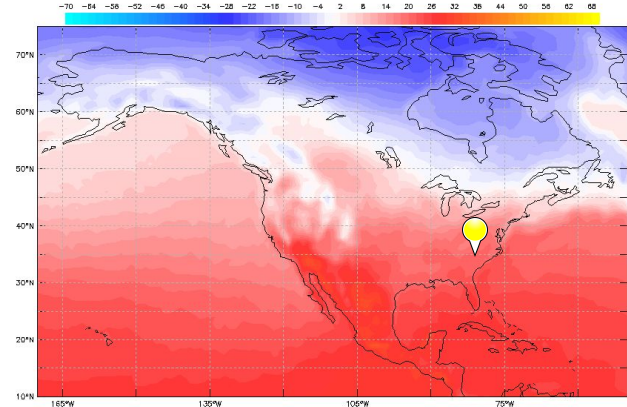
Monthly Average Precipitation Rate (millimeters per day)



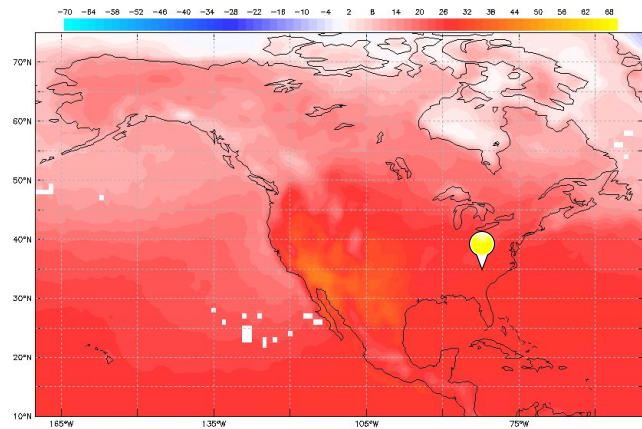
Monthly Surface (Skin) Temperature (degrees Celsius)



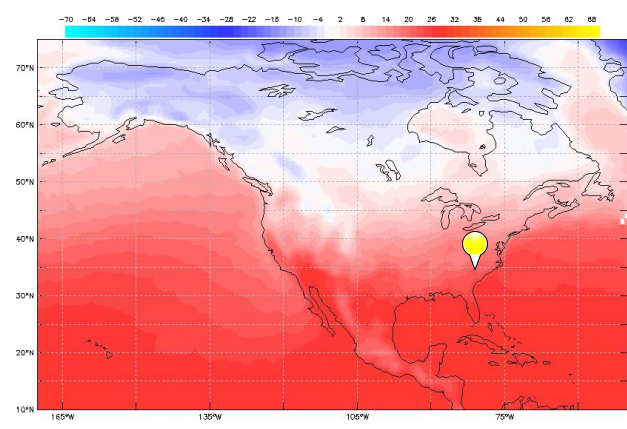
Monthly Surface (Skin) Temperature (degrees Celsius)



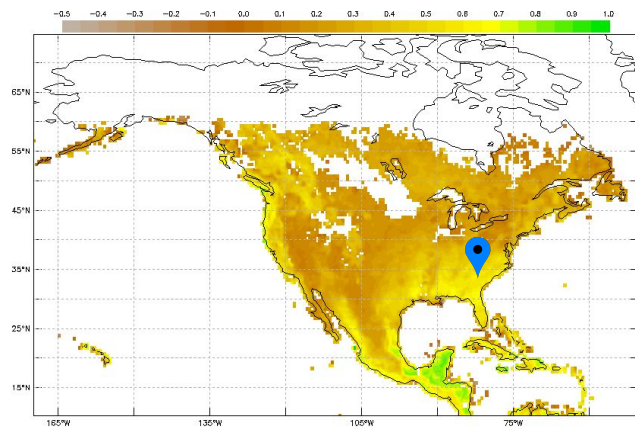
Monthly Surface (Skin) Temperature (degrees Celsius)



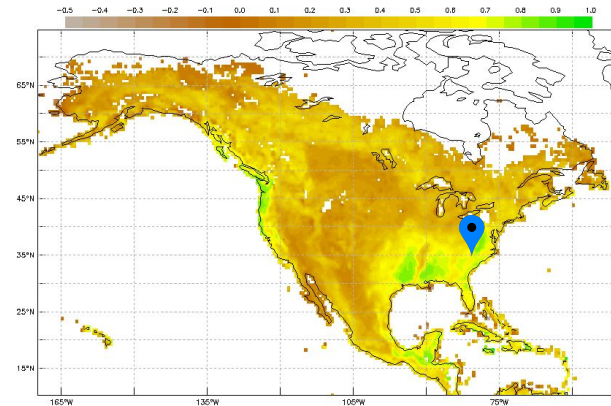
Monthly Surface (Skin) Temperature (degrees Celsius)



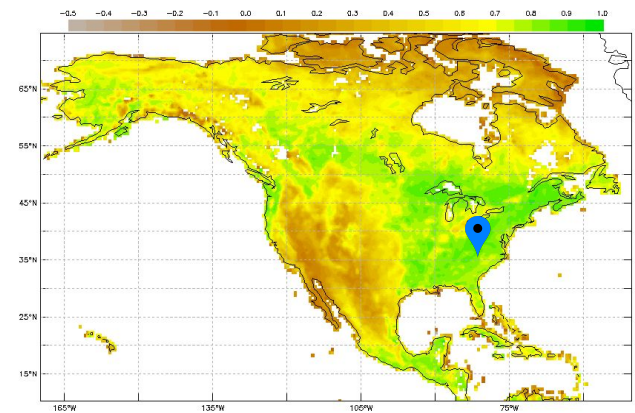
Monthly Normalized Difference Vegetation Index (dimensionless)



Monthly Normalized Difference Vegetation Index (dimensionless)



Monthly Normalized Difference Vegetation Index (dimensionless)



Monthly Normalized Difference Vegetation Index (dimensionless)

