



BCTS TCH/TST – How to use the Climate BC Web Application to determine Mean Annual Precipitation

STEP 1 - Go to the following web address... <https://climatebc.ca/mapVersion>

STEP 2 - Zoom into your worksite location on the map window

- Above the top of the map window you will see an Overlays title with drop down windows. Adjust the transparency to at least 75%.
- At the top left corner of the map window you will see a Map/Satellite Tab. Select Satellite.
- Zoom into your worksite location on the map window. Make sure the cursor is in the right location. Alternatively you can enter the coordinate information into the Latitude and Longitude fields to the left of the map window.

STEP 3 - Select the appropriate Historical parameters to run the calculation

- To determine mean annual precipitation for the purpose of determining rainfall shutdown thresholds select “Normal_1981_2010” in the drop down list titled “Historical”.

STEP 4 - Find your Mean Annual Precipitation Value

- Now that your location and historical parameters are set click the calculate tab.
- Under the table titled “Annual Variables” look for “MAP”. Next to “MAP” is your mean annual precipitation in millimeters (mm’s).

REFER to the next page for a screenshot of the Climate BC Map application.



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The screenshot shows the ClimateBC_Map web application interface. The browser address bar displays http://www.climatewna.com/ClimateBC_Map.aspx. The page header includes the University of British Columbia logo and navigation links like NEWS, EVENTS, DIRECTORIES, SEARCH UBC, and myUBC LOGIN. The main content area is titled "ClimateBC_Map" and "A Interactive Platform for Visualization and Data Access".

On the left side, there is a "Coordinates Input" section with fields for Latitude (50.458), Longitude (-126.497), Elevation (596 m), and a dropdown for "Historical" parameters (Normal_1981_2010). Below these are buttons for "Quick Tutorial", "Help", and "Calculate".

The central map area shows a satellite view of a mountainous region. A red location pin is placed on the map, labeled "Location of worksite". A red arrow points to the "Historical Parameter" dropdown menu, which is currently set to "Normal_1981_2010". Another red arrow points to the "Calculate" button, with the text "Click calculate when location and historical parameter are set." Below the map, a table of variables is displayed, with a red arrow pointing to the "MAP = 2466" value under the "Annual Variables" column. A text box below the table states: "Mean Annual Precipitation (MAP) for this worksite is 2466mm's."

At the bottom of the interface, there are several utility buttons: "Remove Overlays", "Download Overlay raster files", "Desktop version", "ClimateNA_Map", and "ClimateWNA_Map". A footer note mentions: "Note: Mismatches between overlays and the map may occur if your browser is outdated. More spatial raster layers of climate variables are available for [download](#)." The last update date is listed as "Mar 12, 2018" and the URL is <http://web.forestry.ubc.ca/>.