



ClimateNA_MAP

-- An Interactive Platform for Visualization and Data Access

Coordinates Input (click on the map or type in coordinates)

Latitude Longitude

Elev (m) Historical

Future

Quick Tutorial

Help

Calculate

Annual Variables

Seasonal Variables

Monthly Variables

Append to Count Save Clear

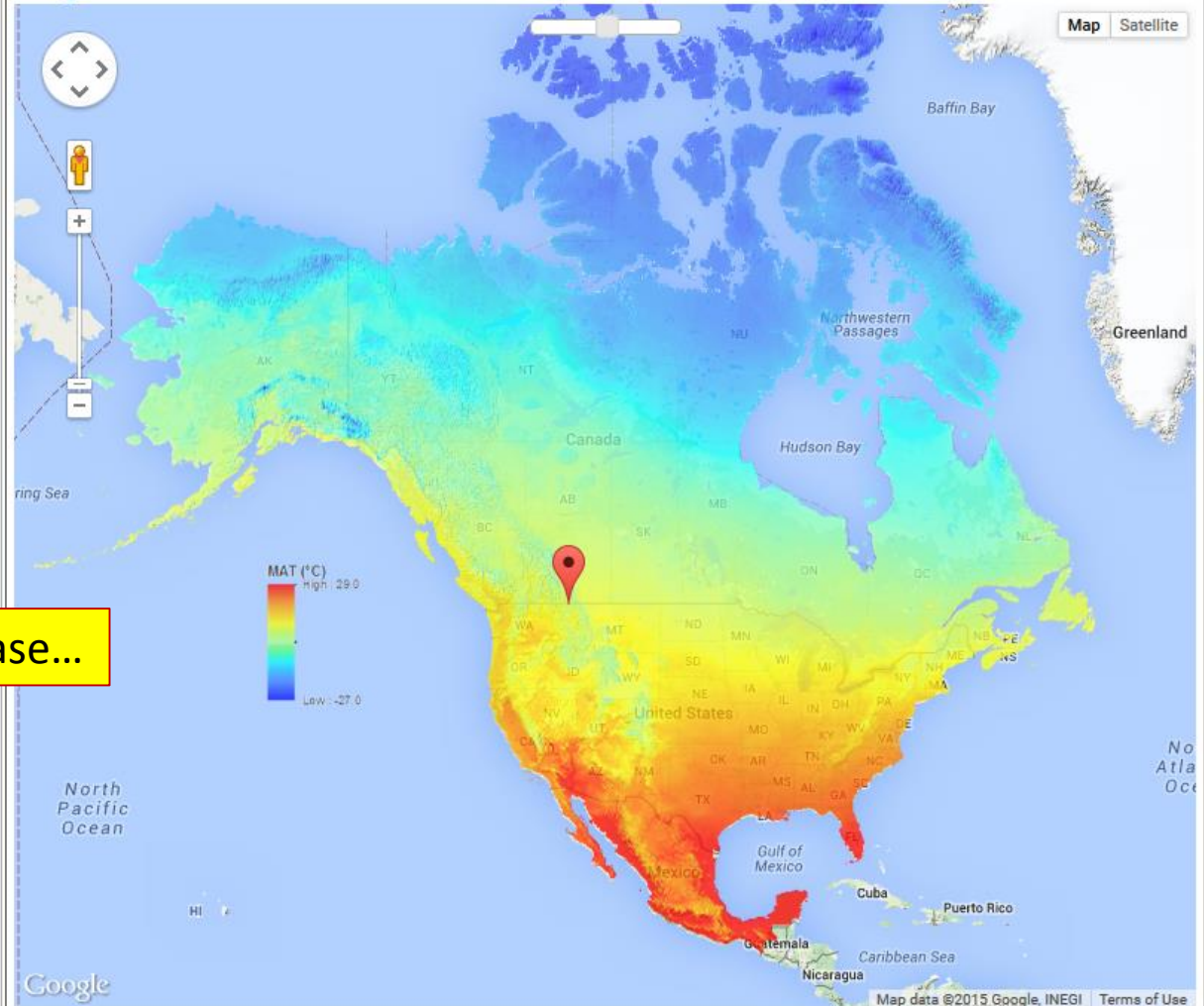
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Overlays: Climate maps Species ranges Transparency(%)



MAT_1961-1990: -27.0 29.0°C



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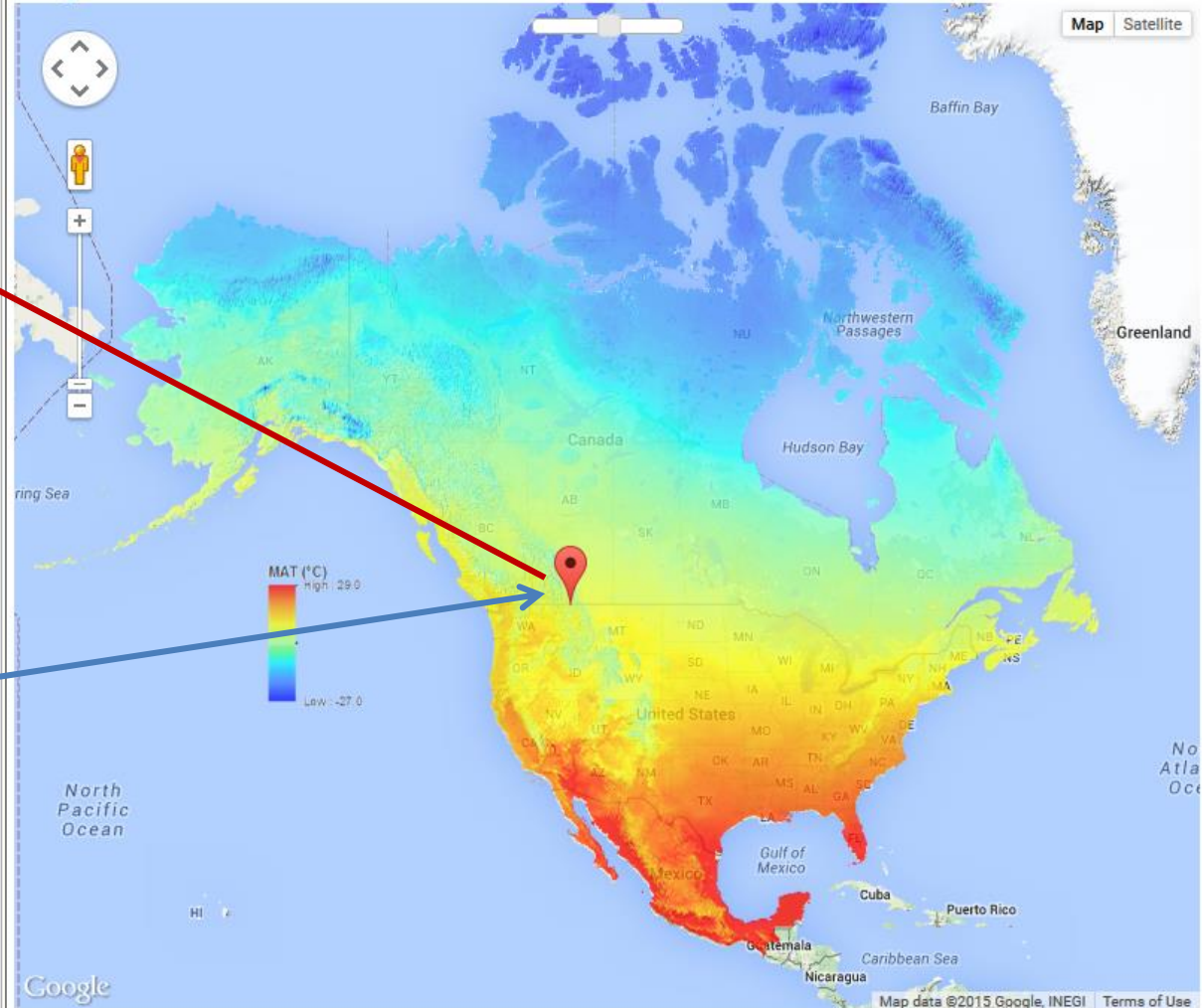
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MAT_1961-1990:

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Annual Variables

Seasonal Variables

- Select a period
- Normal_1901_1930
- Normal_1911_1940
- Normal_1921_1950
- Normal_1931_1960
- Normal_1941_1970
- Normal_1951_1980
- Normal_1961_1990
- Normal_1971_2000
- Normal_1981_2010
- Decade_1901_1910
- Decade_1911_1920
- Decade_1921_1930
- Decade_1931_1940
- Decade_1941_1950
- Decade_1951_1960
- Decade_1961_1970
- Decade_1971_1980
- Decade_1981_1990
- Decade_1991_2000

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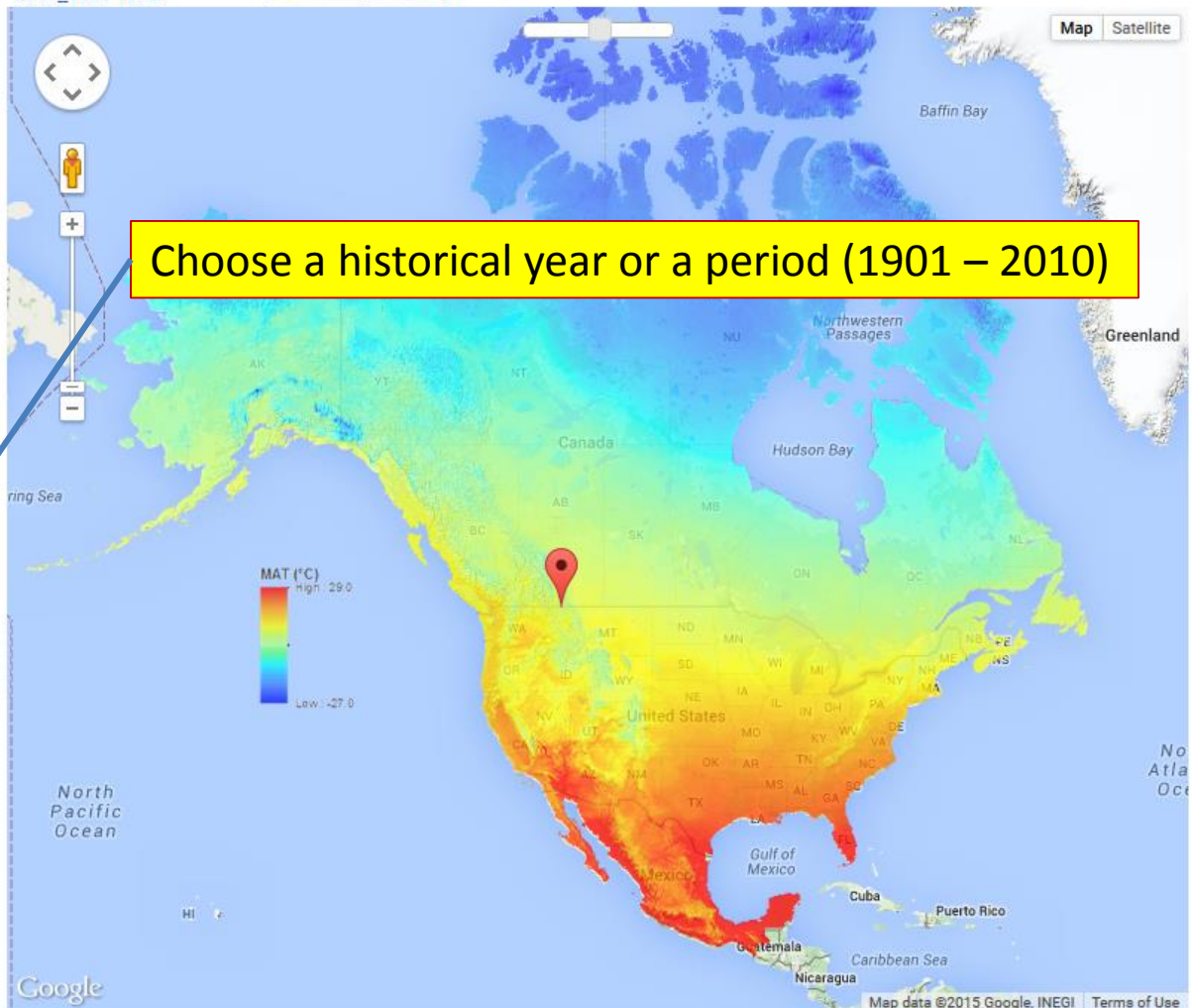
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Choose a historical year or a period (1901 – 2010)

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Quick

Annual Vari

CanESM2_rcp45_2025
CanESM2_rcp45_2055
CanESM2_rcp45_2085
CanESM2_rcp85_2025
CanESM2_rcp85_2055
CanESM2_rcp85_2085
CNRM-CM5_rcp26_2025
CNRM-CM5_rcp26_2055
CNRM-CM5_rcp26_2085
CNRM-CM5_rcp45_2025
CNRM-CM5_rcp45_2055
CNRM-CM5_rcp45_2085
CNRM-CM5_rcp85_2025
CNRM-CM5_rcp85_2055
CNRM-CM5_rcp85_2085
HadGEM2-ES_rcp45_2025
HadGEM2-ES_rcp45_2055
HadGEM2-ES_rcp45_2085
HadGEM2-ES_rcp85_2025

Count

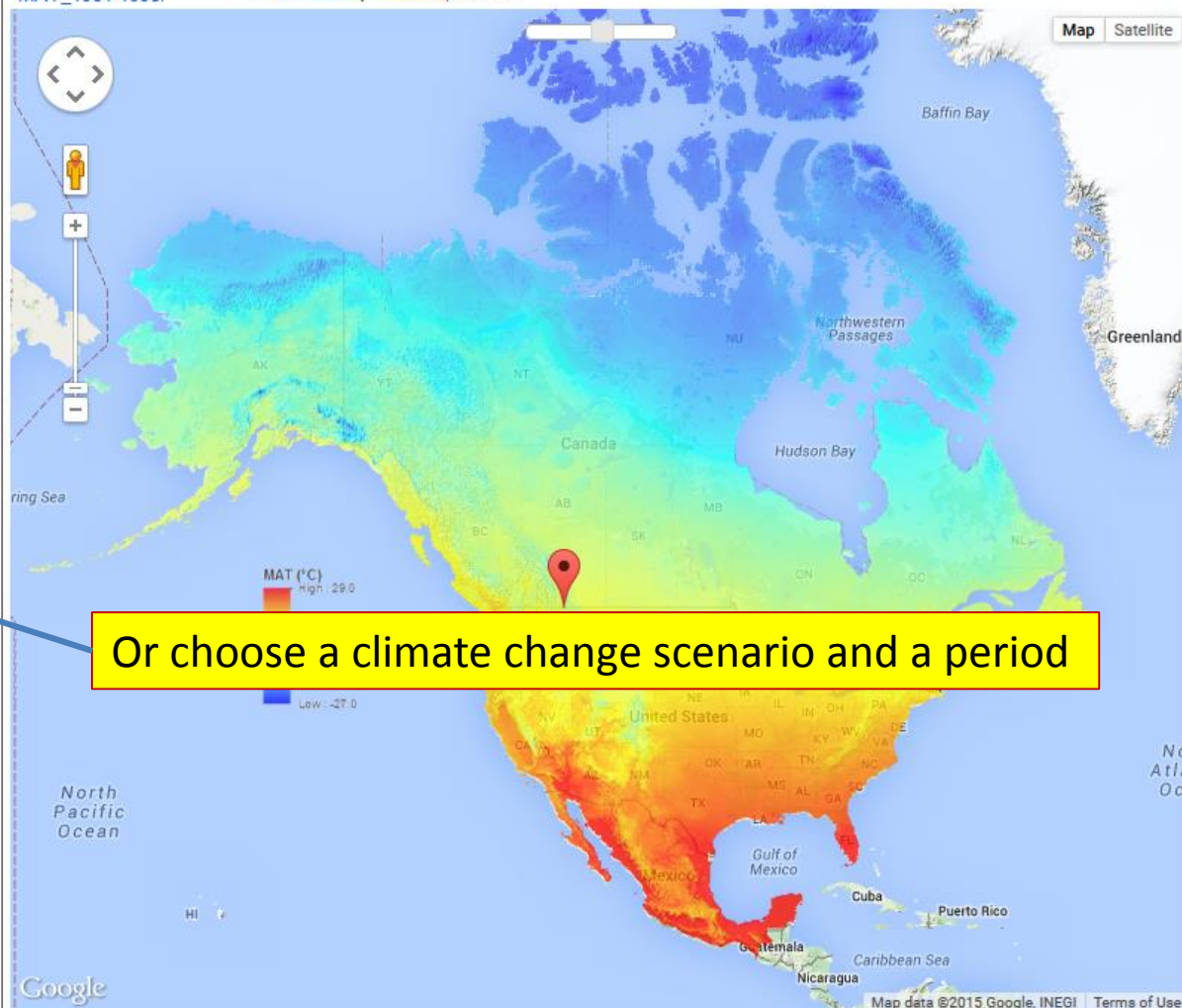
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Calculate

Annual Variables

MAT = 5.3
MWT = 17.1
MCMT = -6.8
TD = 24
MAP = 595
MSP = 264
AHM = 25.7
SHM = 64.9
DD<0 = 701
DD>5 = 1534
DD<18 = 4673
DD>18 = 65
NFFD = 169
bFFP = 149
eFFP = 255
FFP = 106
PAS = 182

Seasonal Variables

Tmax_wt = -0.9
Tmax_sp = 11.8
Tmax_sm = 24.5
Tmax_at = 11.4
Tmin_wt = -9.6
Tmin_sp = -1.4
Tmin_sm = 7.2
Tmin_at = -0.7
Tave_wt = -5.3
Tave_sp = 5.2
Tave_sm = 15.9
Tave_at = 5.3
PPT_wt = 162
PPT_sp = 144
PPT_sm = 156
PPT_at = 132
PPT_wt = 132

Monthly Variables

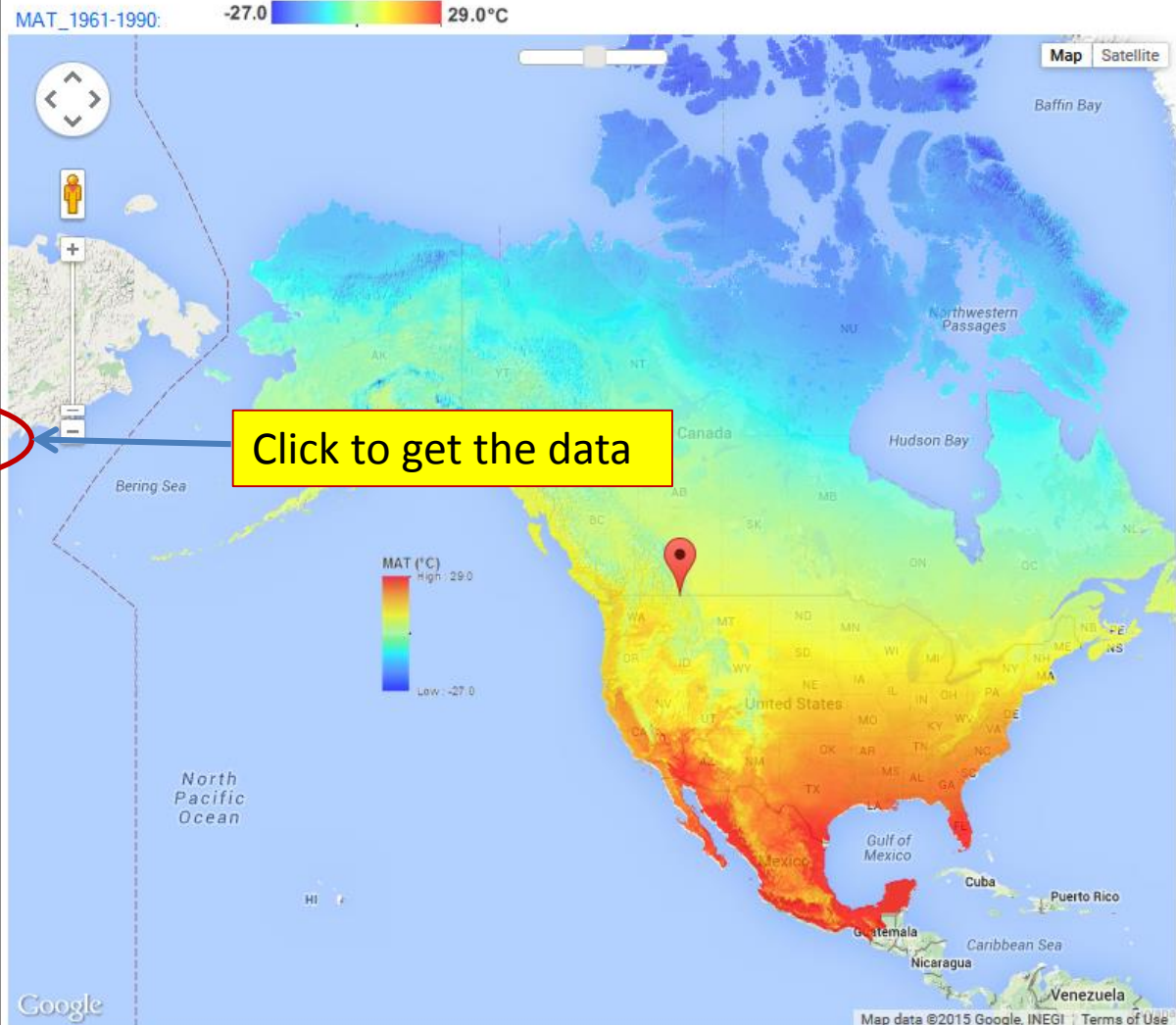
Tmax(01) = -2.6
Tmax(02) = 1.9
Tmax(03) = 6.1
Tmax(04) = 12.2
Tmax(05) = 17.2
Tmax(06) = 21.6
Tmax(07) = 26.2
Tmax(08) = 25.6
Tmax(09) = 19.5
Tmax(10) = 11.9
Tmax(11) = 2.9
Tmax(12) = -2.1
Tmin(01) = -11.1
Tmin(02) = -8.2
Tmin(03) = -5.2
Tmin(04) = -1.4
Tmin(05) = 2.5

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PPT_sm = 156
PPT_at = 132

Monthly Variables

Tmax(01) = -2.6
Tmax(02) = 1.9
Tmax(03) = 6.1
Tmax(04) = 12.2
Tmax(05) = 17.2
Tmax(06) = 21.6
Tmax(07) = 26.2
Tmax(08) = 25.6
Tmax(09) = 19.5
Tmax(10) = 11.9
Tmax(11) = 2.9
Tmax(12) = -2.1
Tmin(01) = -11.1
Tmin(02) = -8.2
Tmin(03) = -5.2
Tmin(04) = -1.4

Append to Count

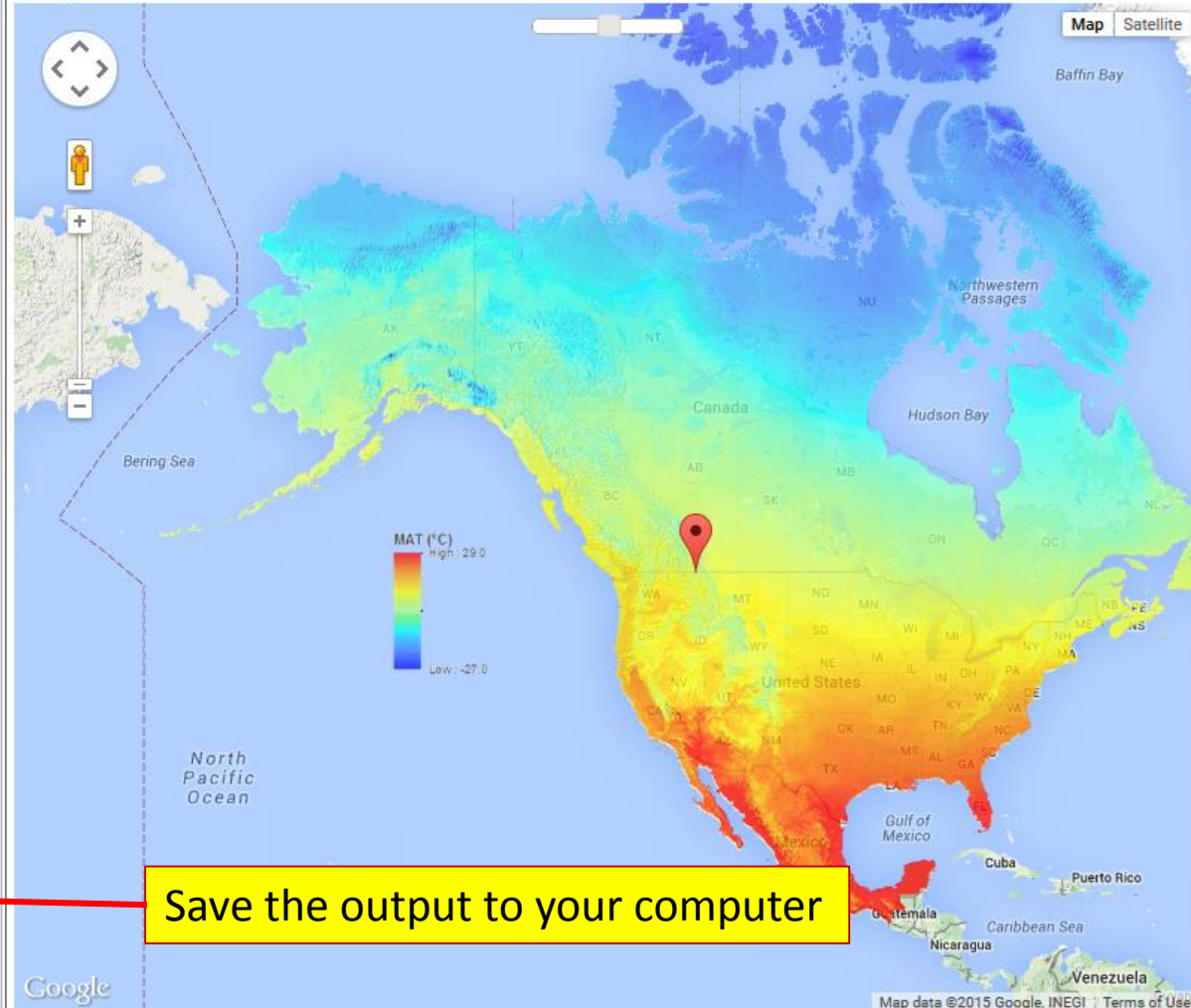
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Annual Variables

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MCMT = -6.8
TD = 24
MAP = 595
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DD<0 = 701
DD>5 = 1534
DD<18 = 4673
DD>18 = 65
NFFD = 169
bFFP = 149
eFFP = 255
FFP = 106
DAS = 192

Seasonal Variables

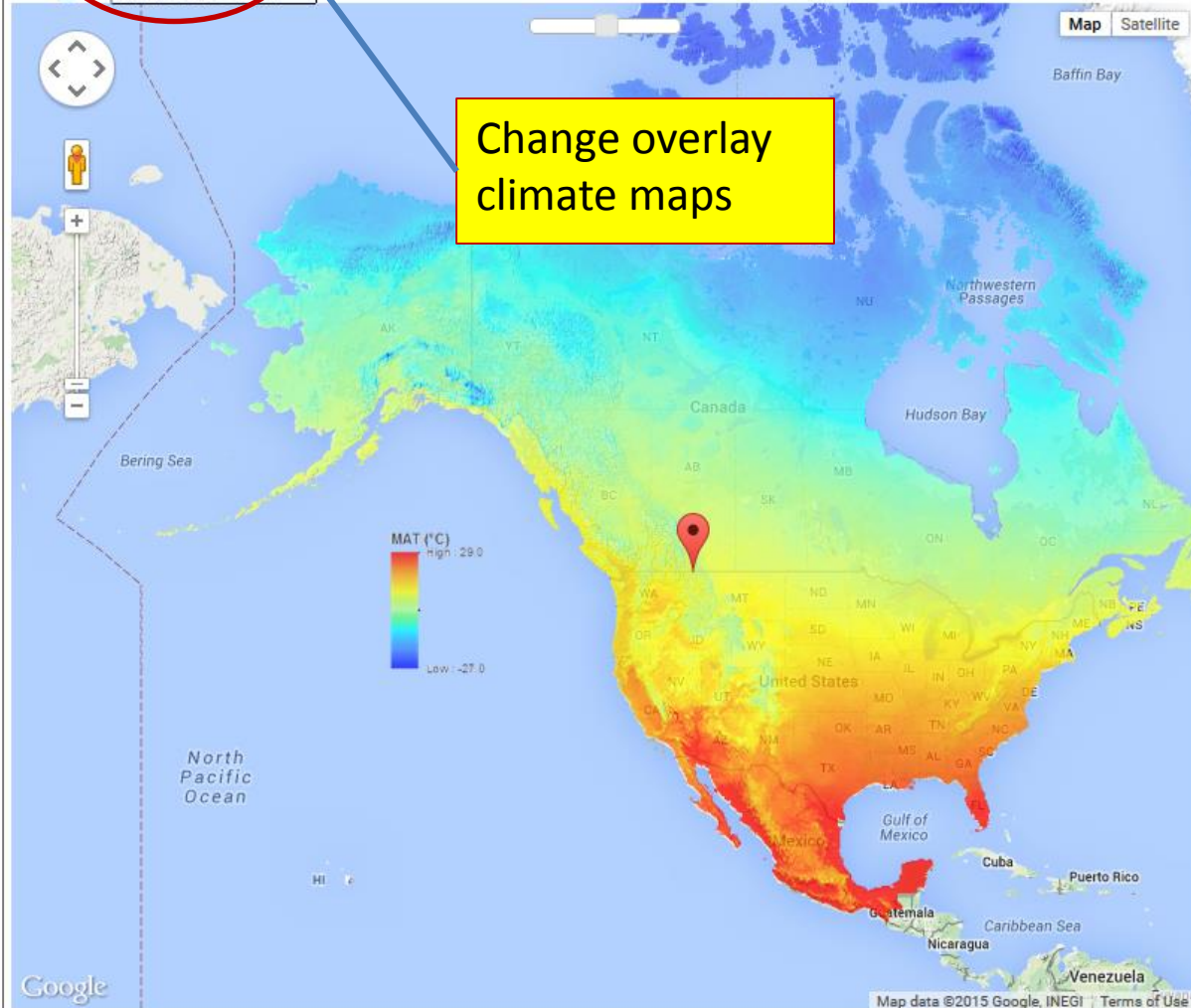
Tmax_wt = -0.9
Tmax_sp = 11.8
Tmax_sm = 24.5
Tmax_at = 11.4
Tmin_wt = -9.6
Tmin_sp = -1.4
Tmin_sm = 7.2
Tmin_at = -0.7
Tave_wt = -5.3
Tave_sp = 5.2
Tave_sm = 15.9
Tave_at = 5.3
PPT_wt = 162
PPT_sp = 144
PPT_sm = 156
PPT_at = 132
Dad_wt = 8.5

Monthly Variables

Tmax(01) = -2.6
Tmax(02) = 1.9
Tmax(03) = 6.1
Tmax(04) = 12.2
Tmax(05) = 17.2
Tmax(06) = 21.6
Tmax(07) = 26.2
Tmax(08) = 25.6
Tmax(09) = 19.5
Tmax(10) = 11.9
Tmax(11) = 2.9
Tmax(12) = -2.1
Tmin(01) = -11.1
Tmin(02) = -8.2
Tmin(03) = -5.2
Tmin(04) = -1.4
Tmin(05) = 2.5

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Overlays: Species ranges Transparency(%):



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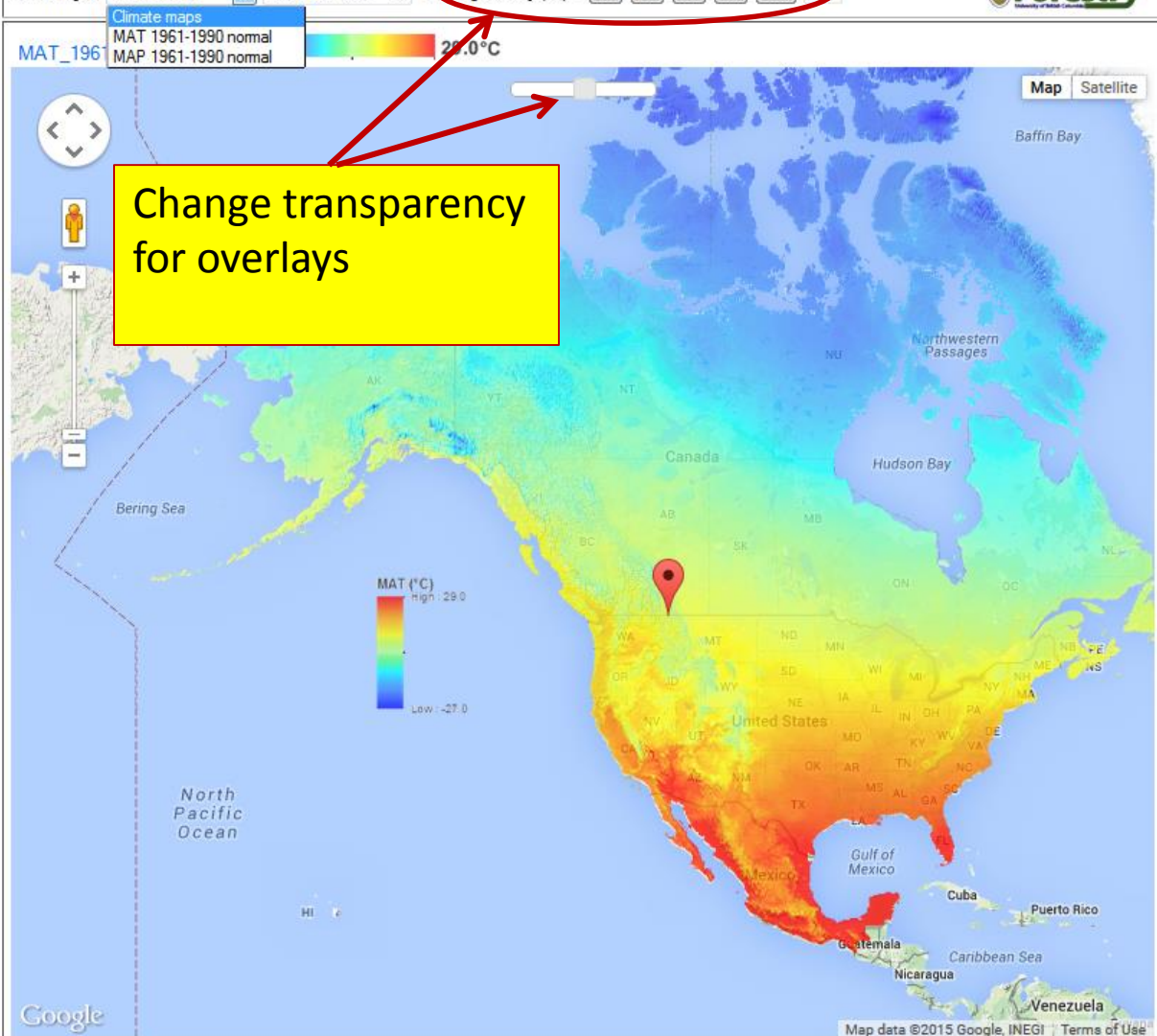
Calculate

Annual Variables Seasonal Variables Monthly Variables

MAT = 5.3	Tmax_wt = -0.9	Tmax(01) = -2.6
MWMT = 17.1	Tmax_sp = 11.8	Tmax(02) = 1.9
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SHM = 64.9	Tmin_at = -0.7	Tmax(08) = 25.6
DD<0 = 701	Tave_wt = -5.3	Tmax(09) = 19.5
DD>5 = 1534	Tave_sp = 5.2	Tmax(10) = 11.9
DD<18 = 4673	Tave_sm = 15.9	Tmax(11) = 2.9
DD>18 = 65	Tave_at = 5.3	Tmax(12) = -2.1
NFFD = 169	PPT_wt = 162	Tmin(01) = -11.1
bFFP = 149	PPT_sp = 144	Tmin(02) = -8.2
eFFP = 255	PPT_sm = 156	Tmin(03) = -5.2
FFP = 106	PPT_at = 132	Tmin(04) = -1.4
PAS = 192	PPT_wt = 162	Tmin(05) = -2.5

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Tave_sm = 15.9
Tave_at = 5.3
PPT_wt = 162
PPT_sp = 144
PPT_sm = 156
PPT_at = 132
Ded_wt = 8.5

Monthly Variables

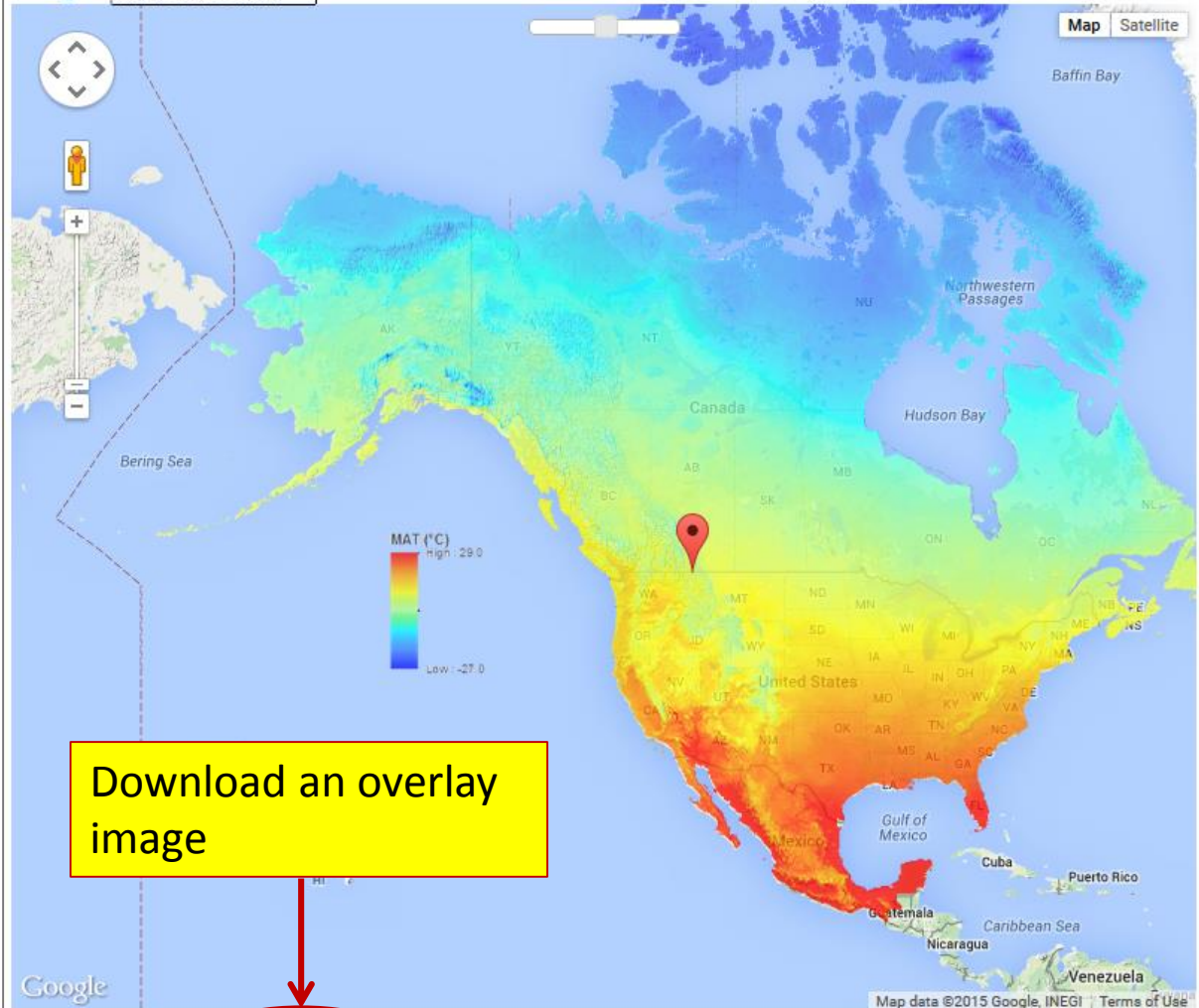
Tmax(01) = -2.6
Tmax(02) = 1.9
Tmax(03) = 6.1
Tmax(04) = 12.2
Tmax(05) = 17.2
Tmax(06) = 21.6
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Tmax(08) = 25.6
Tmax(09) = 19.5
Tmax(10) = 11.9
Tmax(11) = 2.9
Tmax(12) = -2.1
Tmin(01) = -11.1
Tmin(02) = -8.2
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Elev (m) 1000
Future Select a GCM and

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MWMT = 17.1
MCMT = -6.8
TD = 24
MAP = 595
MSP = 264
AHM = 25.7
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DAS = 192

Seasonal Variables

Tmax_w
Tmax_s
Tmax_a
Tmin_w
Tmin_s
Tmin_a
Tave_w
Tave_s
Tave_a
PPT_wt
PPT_sp
PPT_sm
PPT_at
PPT_01
PPT_02
PPT_03
PPT_04
PPT_05

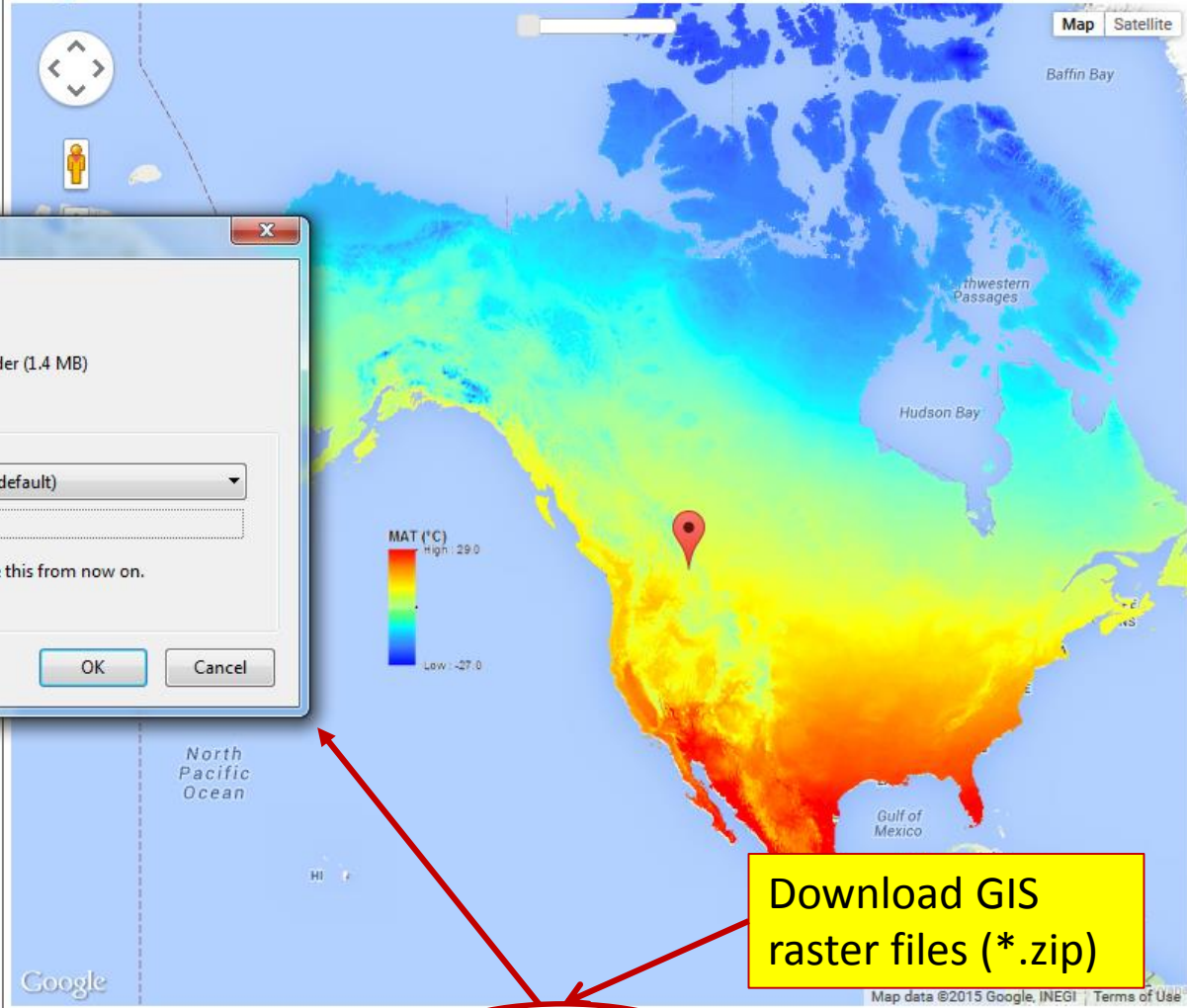
Append to ClimateData.csv Count 0 Save Clear

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Overlays: Climate maps Species ranges Transparency(%) 0 25 50 75 100 1



MAT_1961-1990: -27.0 29.0°C



Opening mat_1961_1990.zip

You have chosen to open:

mat_1961_1990.zip
which is: Compressed (zipped) Folder (1.4 MB)
from: <http://climatewna.com>

What should Firefox do with this file?

☐ Open with Windows Explorer (default)

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OK Cancel

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MWMT = 17.1	Tmax_sp = 11.8	Tmax(02) = 1.9
MCMT = -6.8	Tmax_sm = 24.5	Tmax(03) = 6.1
TD = 24	Tmax_at = 11.4	Tmax(04) = 12.2
MAP = 595	Tmin_wt = -9.6	Tmax(05) = 17.2
MSP = 264	Tmin_sp = -1.4	Tmax(06) = 21.6
AHM = 25.7	Tmin_sm = 7.2	Tmax(07) = 26.2
SHM = 64.9	Tmin_at = -0.7	Tmax(08) = 25.6
DD<0 = 701	Tave_wt = -5.3	Tmax(09) = 19.5
DD>5 = 1534	Tave_sp = 5.2	Tmax(10) = 11.9
DD<18 = 4673	Tave_sm = 15.9	Tmax(11) = 2.9
DD>18 = 65	Tave_at = 5.3	Tmax(12) = -2.1
NFFD = 169	PPT_wt = 162	Tmin(01) = -11.1
bFFP = 149	PPT_sp = 144	Tmin(02) = -8.2
eFFP = 255	PPT_sm = 156	Tmin(03) = -5.2
FFP = 106	PPT_at = 132	Tmin(04) = -1.4
PAS = 182	PPT_wt = 162	Tmin(05) = -2.5

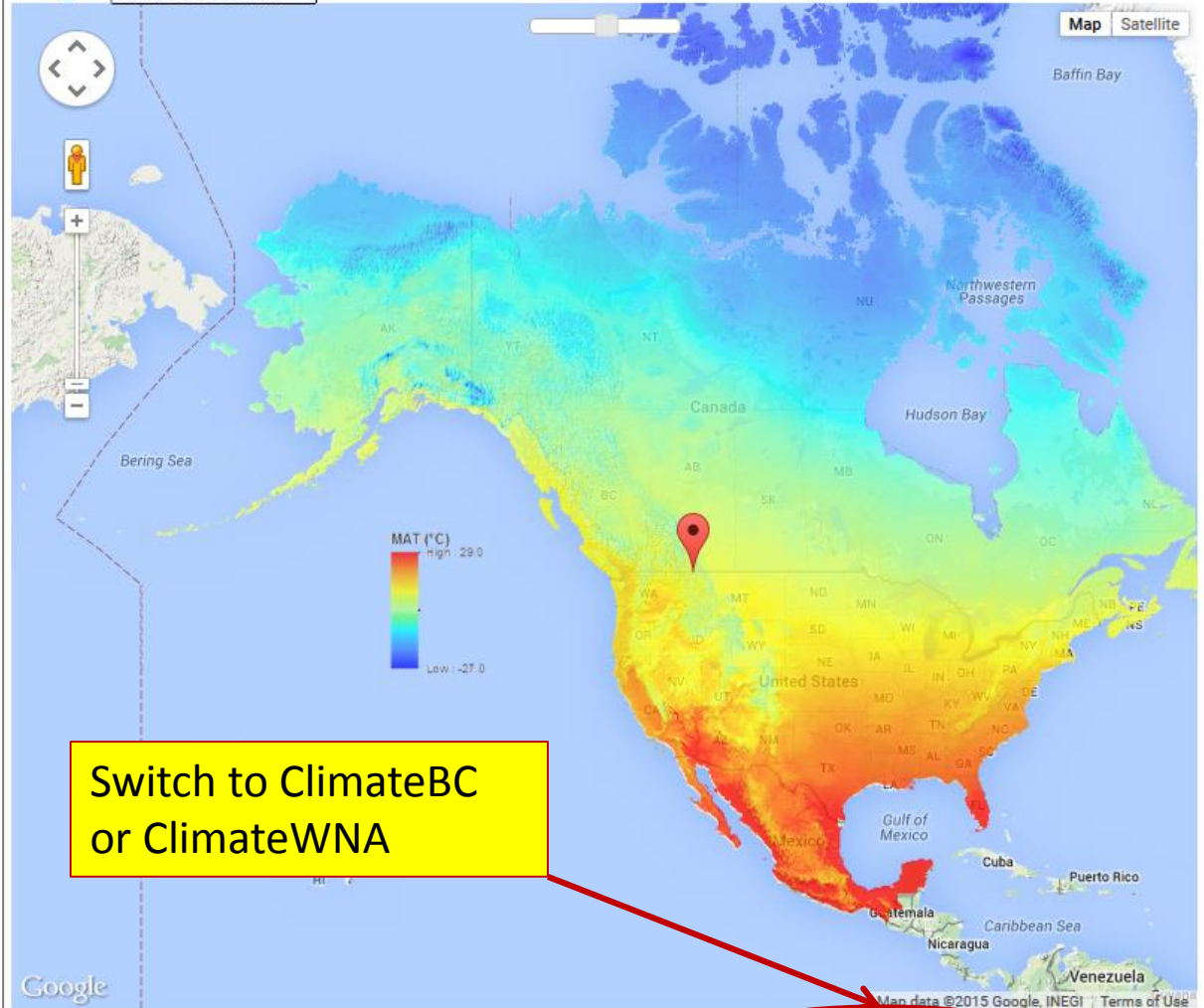
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Overlays: Climate maps Species ranges Transparency(%)

Climate maps
MAT 1961-1990 normal
MAP 1961-1990 normal



Switch to ClimateBC
or ClimateWNA

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More will be coming ...

- This map-based website will serve as a platform to host spatial data from our climate change studies for interactive and easy access.
- Your comments and suggestions are welcome.

Thank you for using ClimateNA_Map