

Climate Projections for the Cowichan Valley Regional District

The tables presented in the *Climate Projections for the Cowichan Valley Regional District* report contain the median value and range (10th – 90th percentile) for the “business as usual” (RCP8.5) greenhouse gas emission scenario.

This .zip file contains a complete set of tables for each of three greenhouse gas emissions scenarios, known as Representative Concentration Pathways (refer to page 4 of the report for more details).

Each table includes the individual model results for each of the 12 climate models, along with the average, median, 10th and 90th percentile scores for the entire ensemble.

Tables are included for the following climate indices:

Annual Indices

- **CLIMDEX Indices** (see <http://www.climdex.org/indices.html> for details)
 - CDD – Consecutive dry days
 - CSDI – Cold spell duration index
 - CWD – Consecutive wet days
 - DTR – Daily temperature range
 - FD – Frost days
 - GSL – Growing season length
 - ID – Icing days
 - PRCPTOT – Annual total ppt in wet days
 - R10mm – Annual count of days when ppt ≥ 10mm
 - R20mm – Annual count of days when ppt ≥ 20mm
 - R95days – Annual total days exceeding the 95th percentile ppt
 - R95pTOT – Annual total ppt on days exceeding the 95th percentile
 - R99pTOT – Annual total ppt on days exceeding the 99th percentile
 - Rx1day – Single day maximum ppt
 - Rx5day – 5 day maximum ppt
 - SDII – Simple ppt intensity index
 - SU – Summer days
 - TR – Tropical nights
 - TN10p – Percentage of days when coldest temperature < 10th percentile
 - TN90p – Percentage of days when coldest temperature > 90th percentile
 - TNN – Coldest winter night
 - TNX – Warmest night
 - TX10p – Percentage of days when warmest temperature < 10th percentile
 - TX90p – Percentage of days when warmest temperature > 90th percentile
 - TXN – Coolest day
 - TXX – Hottest day
 - WSDI – Warm spell duration index
- **Degree Days**
 - CDD – Cooling degree days
 - FDD – Freezing degree days
 - GDD – Growing degree days
 - HDD – Heating degree days
- **Return Periods**
 - PR_RP20 – 1 in 20 year precipitation
 - TASMAY_RP20 – 1 in 20 year maximum temperature
 - TASMAY_RP20 – 1 in 20 year minimum temperature

Monthly / Seasonal Indices

- PR – Precipitation
- TASMAY – Maximum temperature
- TASMAY – Minimum temperature