

# Saskatchewan Accumulated Corn Heat Units

## 90% Confidence for Grain Production

Note: Local topography, soil type, and surrounding vegetation can significantly alter microclimates. The daily CHU's were calculated by the following equation:

$$CHU = [1.8(T_{min}-4.4) + 3.3(T_{max}-10) - 0.084(T_{max}-10)^2] / 2$$

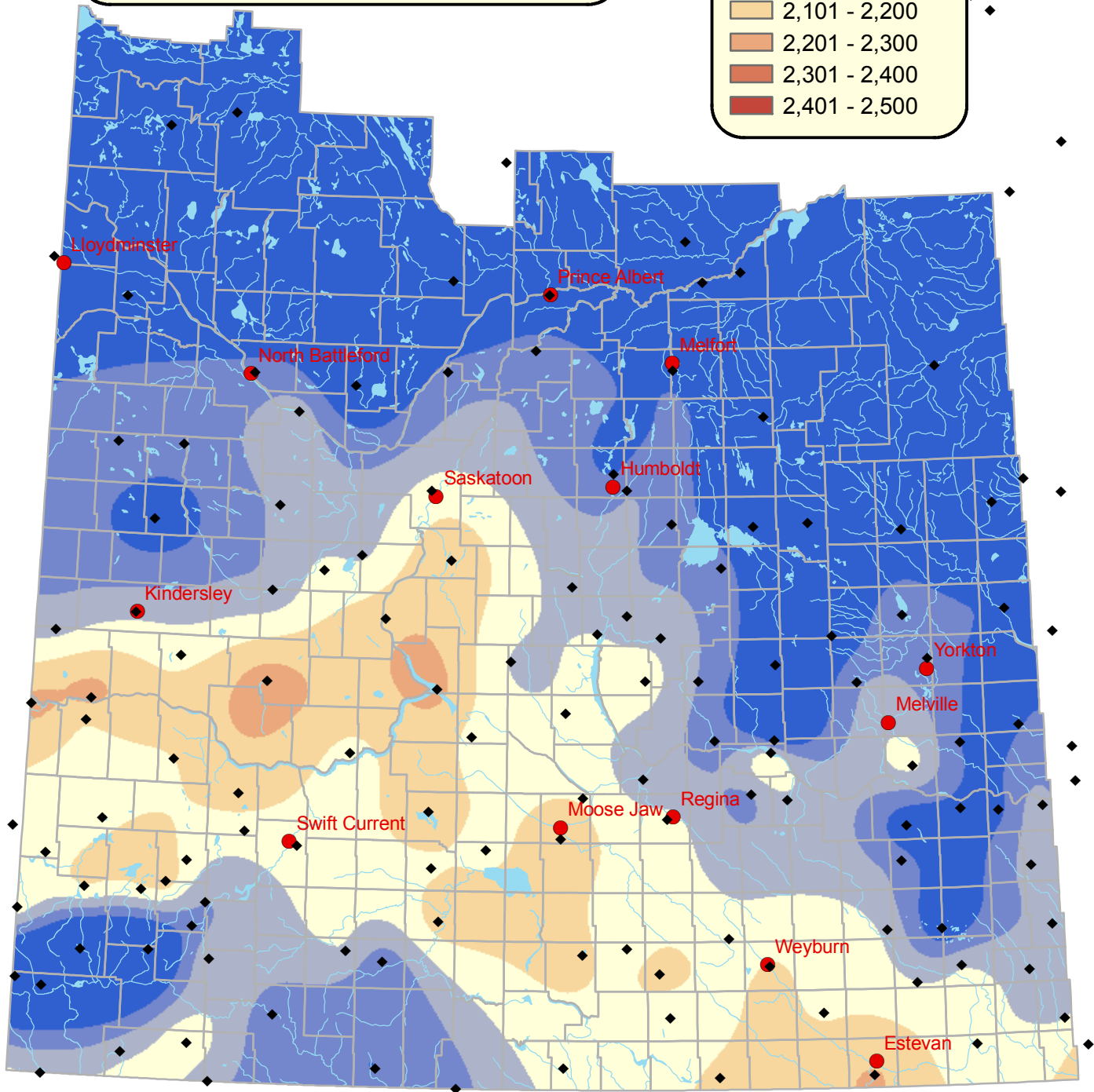
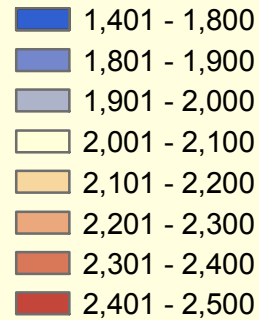
The seasonal CHU was calculated by a sum of all the daily CHU from May 15 until the first -3°C frost. Data from 1980-2005 was used to calculate the average.

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### Legend

◆ Weather Station

### Corn Heat Units

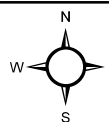


Saskatchewan  
Ministry of  
Agriculture

0 25 50 100 150 200



Kilometers



Data source:  
Weather station data - Environment Canada  
Corn heat unit values - Irrigation Branch

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