

# Terroir and Its Impact on Regional Variations in Cider

Darlene Hayes

Nordic International Cider Awards, Riga, Latvia 2023







A

B

C

D

E



# Kingston Black Ciders

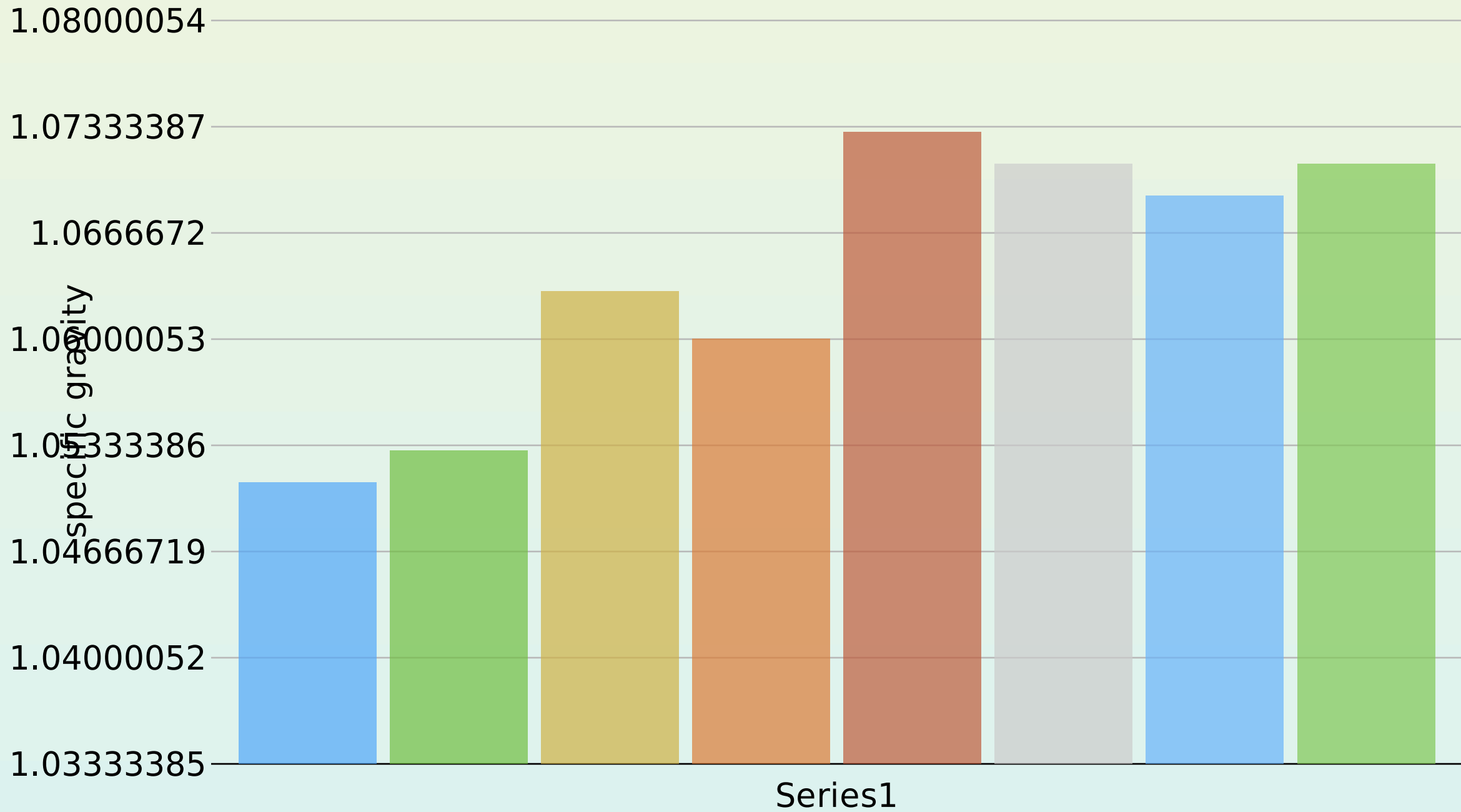
- Farnum Hill Ciders, Lebanon, NH – 2014, 2015, 2016, 2017
- Scott Farm Orchard, Dummerston, VT – 2010, 2014, 2016, 2017
- Eve's Cidery, Van Etten, NY – 2015, 2017
- Dragon's Head Ciderworks, Vashon Island, WA – 2015, 2016, 2017
- Liberty Ciderworks, Spokane, WA - 2014, 2015, 2016, 2017\*
- Cider Riot, Portland, OR – 2014, 2015, 2016, 2017
- Vulture Hill Orchard, Sebastopol, CA – 2016, 2017
- Tilted Shed Ciderworks, Windsor, CA – 2014, 2015\*, 2016





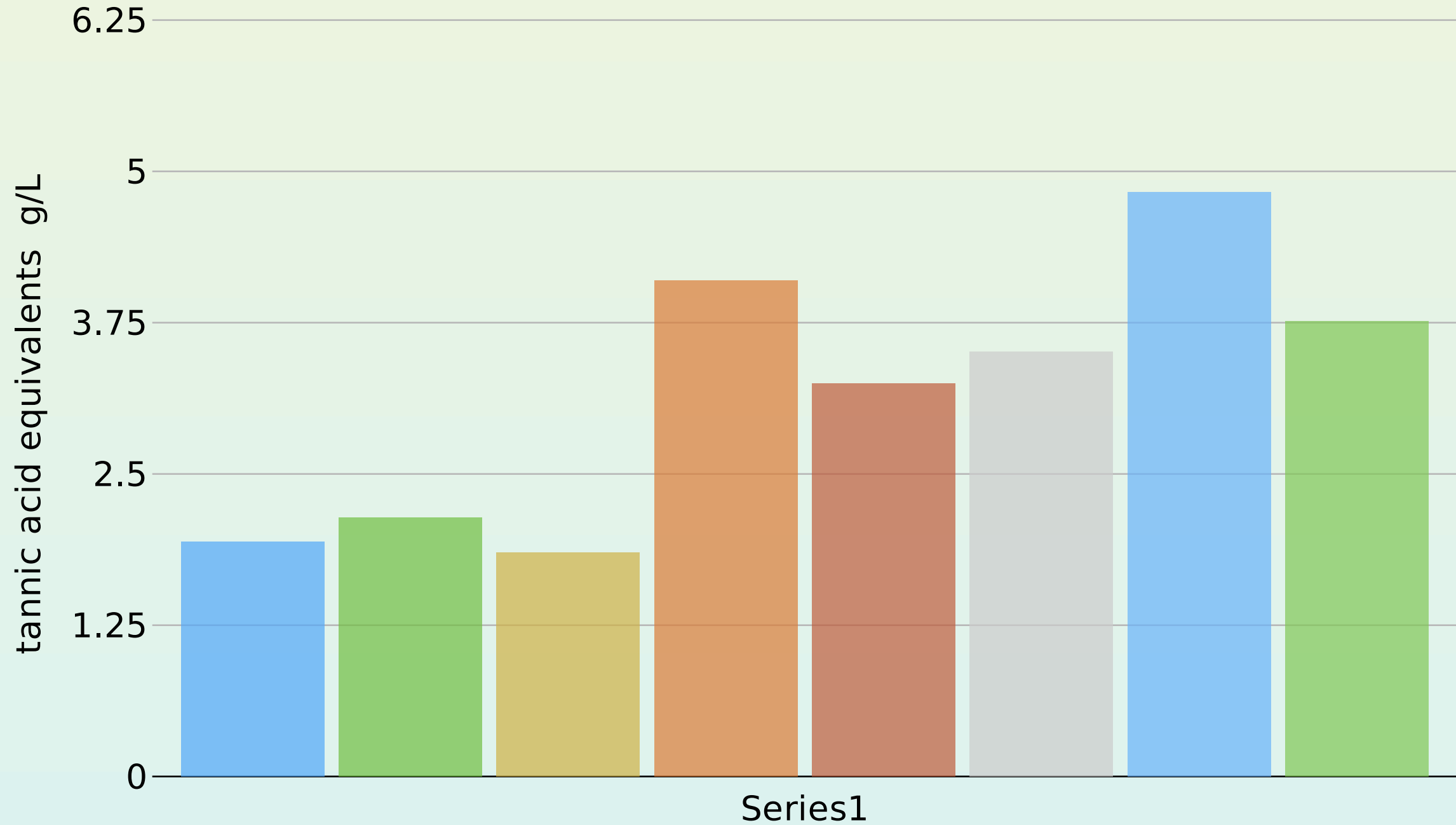


# Kingston Black Ciders – Total Sugar



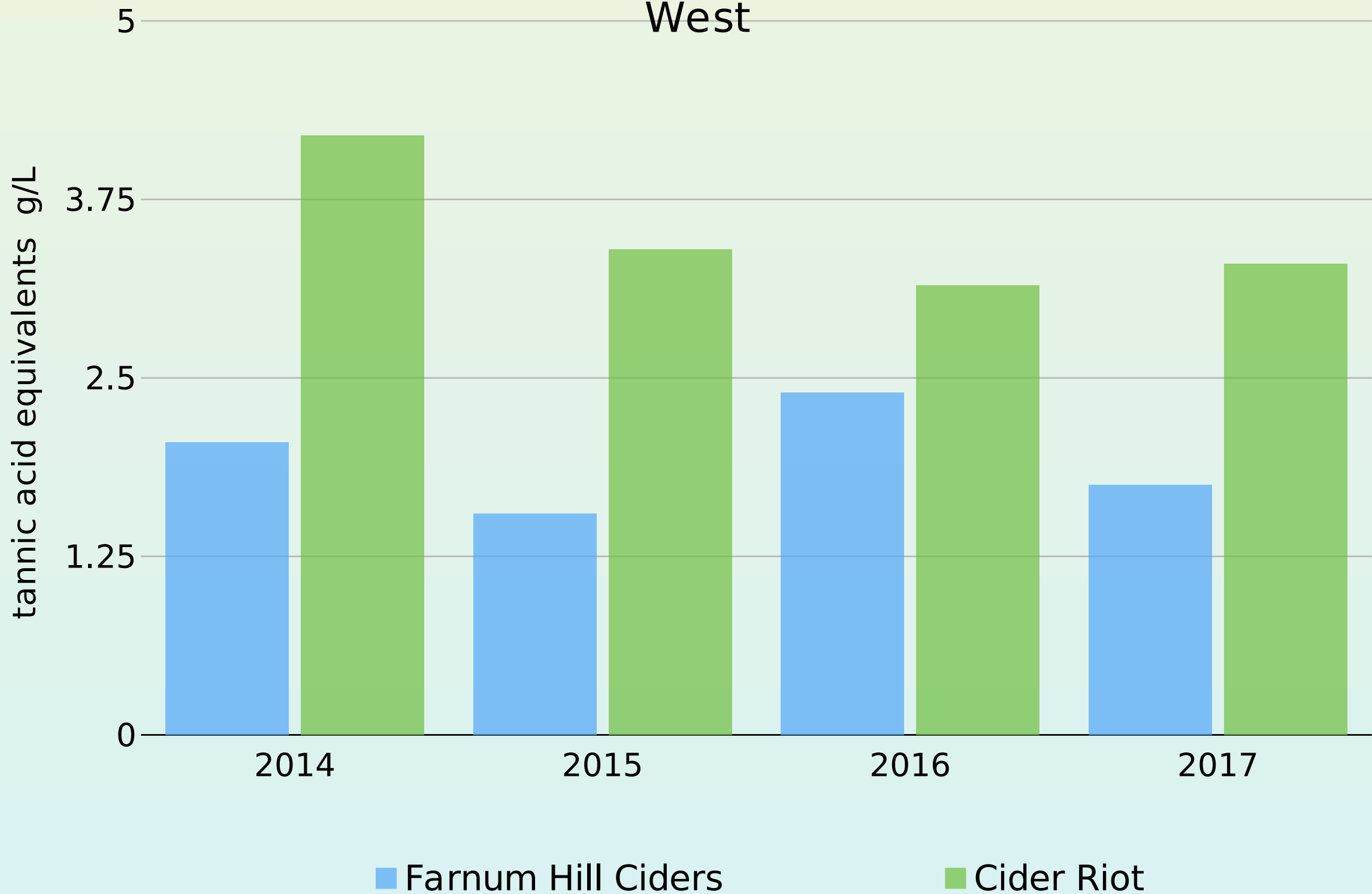
- Farnum Hill Ciders
- Dragon's Head Cider
- Vulture Hill Orchard
- Scott Farm Orchards
- Liberty Ciderworks
- Tilted Shed Ciderworks
- Eve's Cidery
- Cider Riot

# Kingston Black Ciders – Total Polyphenol



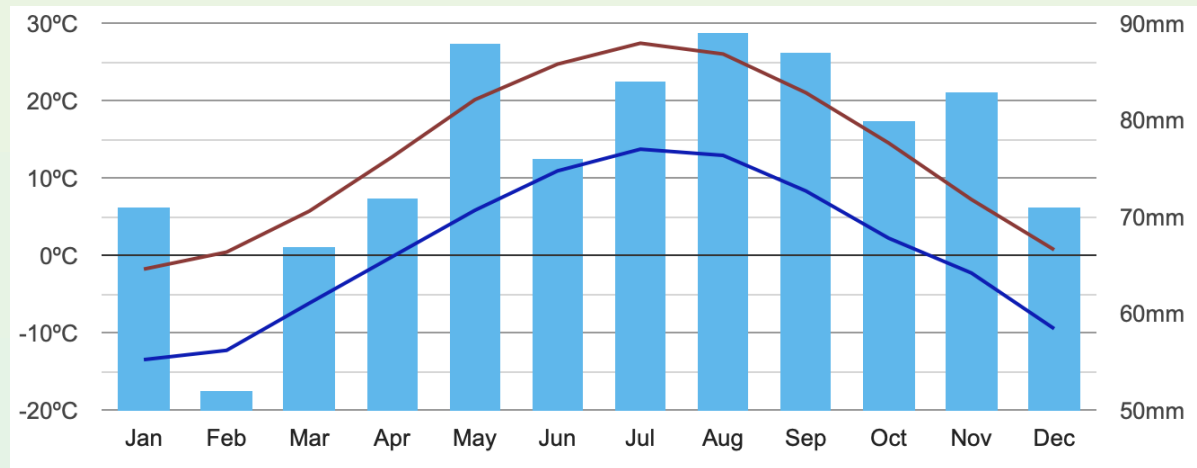
- Farnum Hill Ciders
- Dragon's Head Cider
- Vulture Hill Orchard
- Scott Farm Orchards
- Liberty Ciderworks
- Tilted Shed Ciderworks
- Eve's Cidery
- Cider Riot

# Four Year Total Polyphenol\* Comparison – East vs West

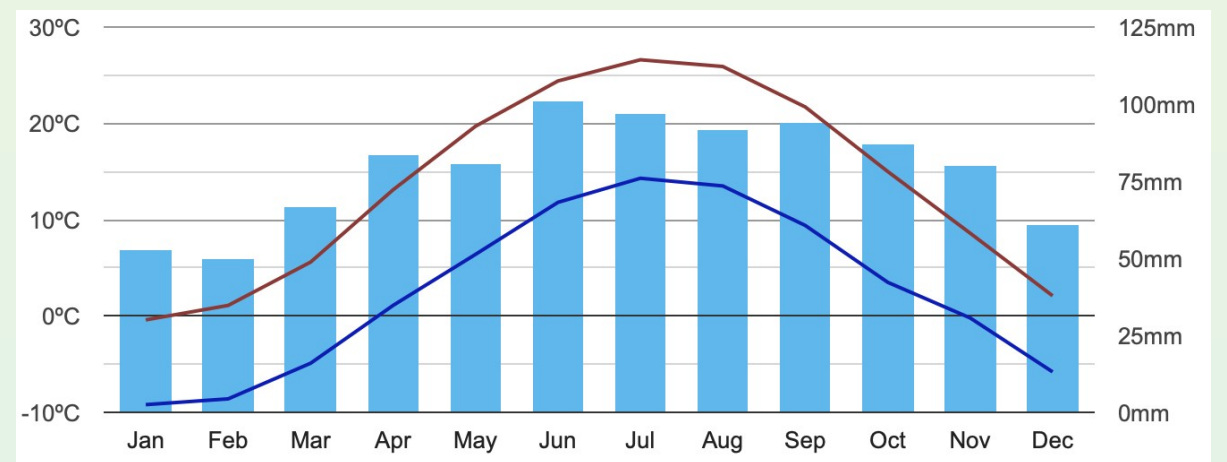


\*all tests done using the Lowenthal Permanganate titration

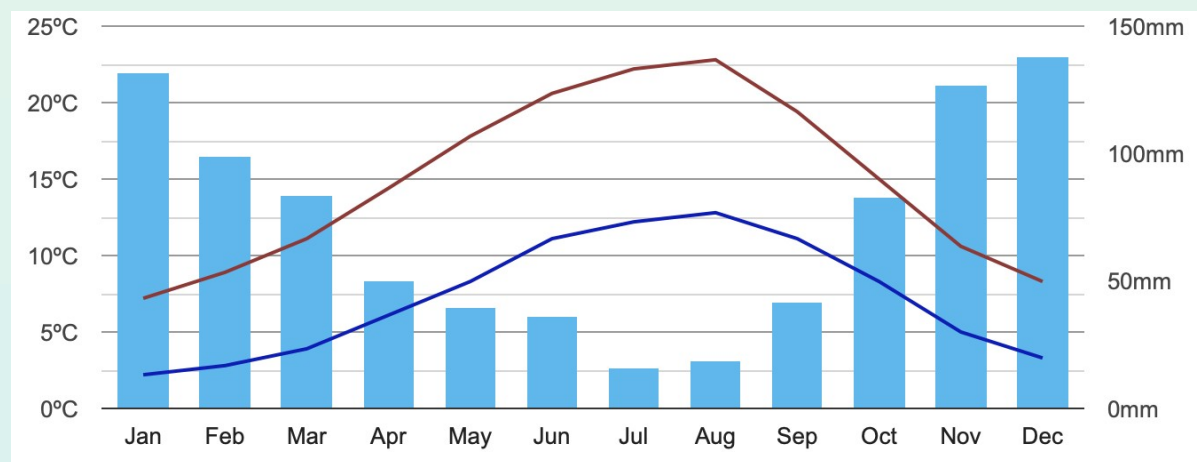
# Average Temperatures and Precipitation



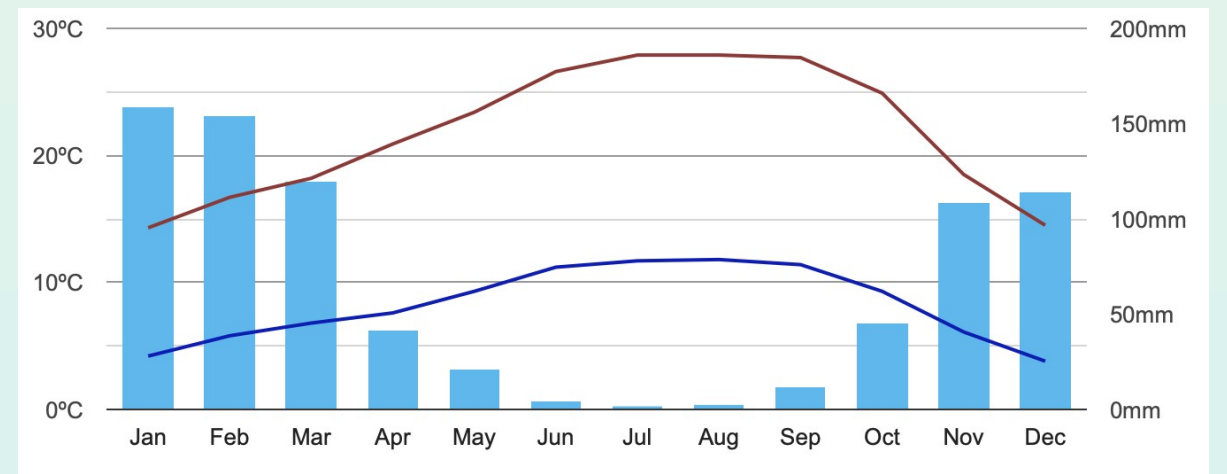
Lebanon, NH - 1099 mm  
(Farnum Hill Cider)



Ithaca, NY - 1146 mm  
(Eve's Cider)



Seattle, WA - 990 mm  
(Dragon's Head Cider)



Santa Rosa, CA - 771 mm  
(Tilted Shed Ciderworks)



# Tasting Samples

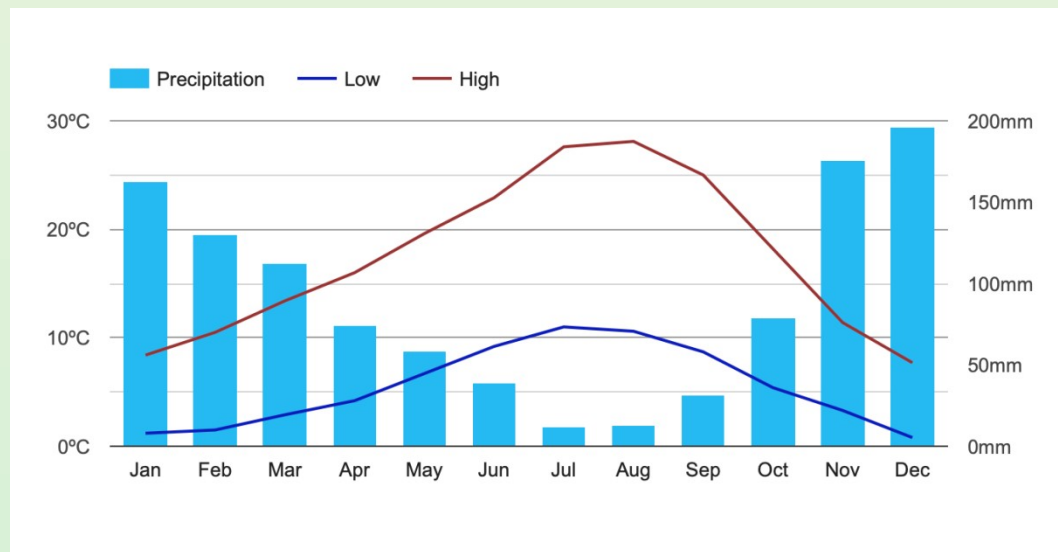
- Kingston Black : Westwind Orchard, Accord, New York  
Baumans Cider, Gervais, Oregon
- Gravenstein: Eye Cyder, Sebastopol, California  
Ulvik Frukt og Cider, Ulvik, Norway



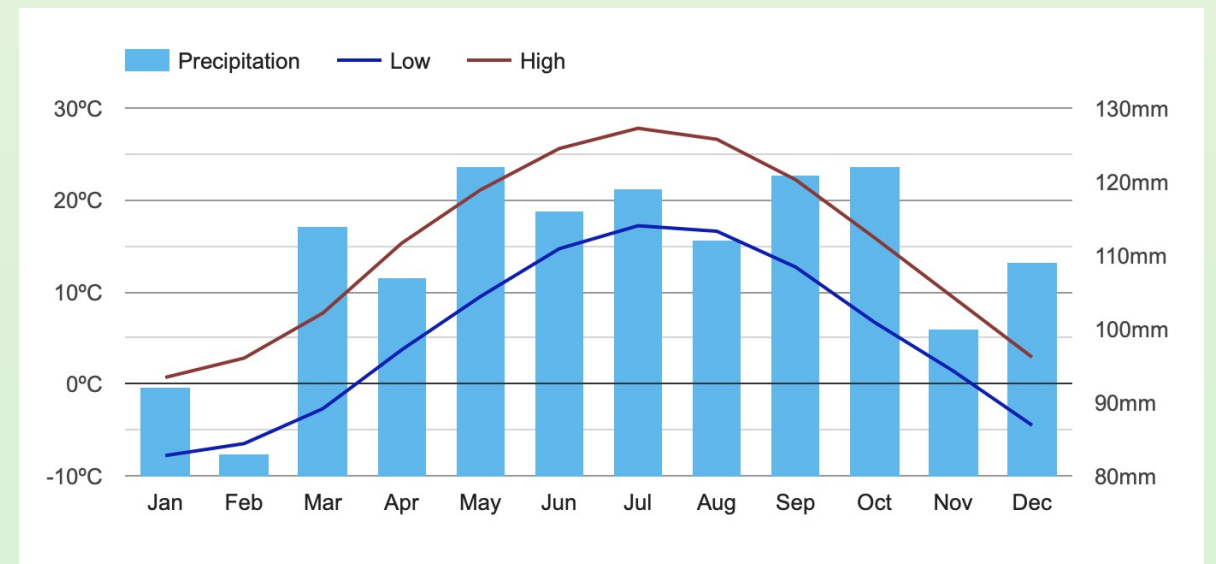
# Kingston Black Ciders







Corvalis, OR - 1086 mm  
(Bauman's Cider)



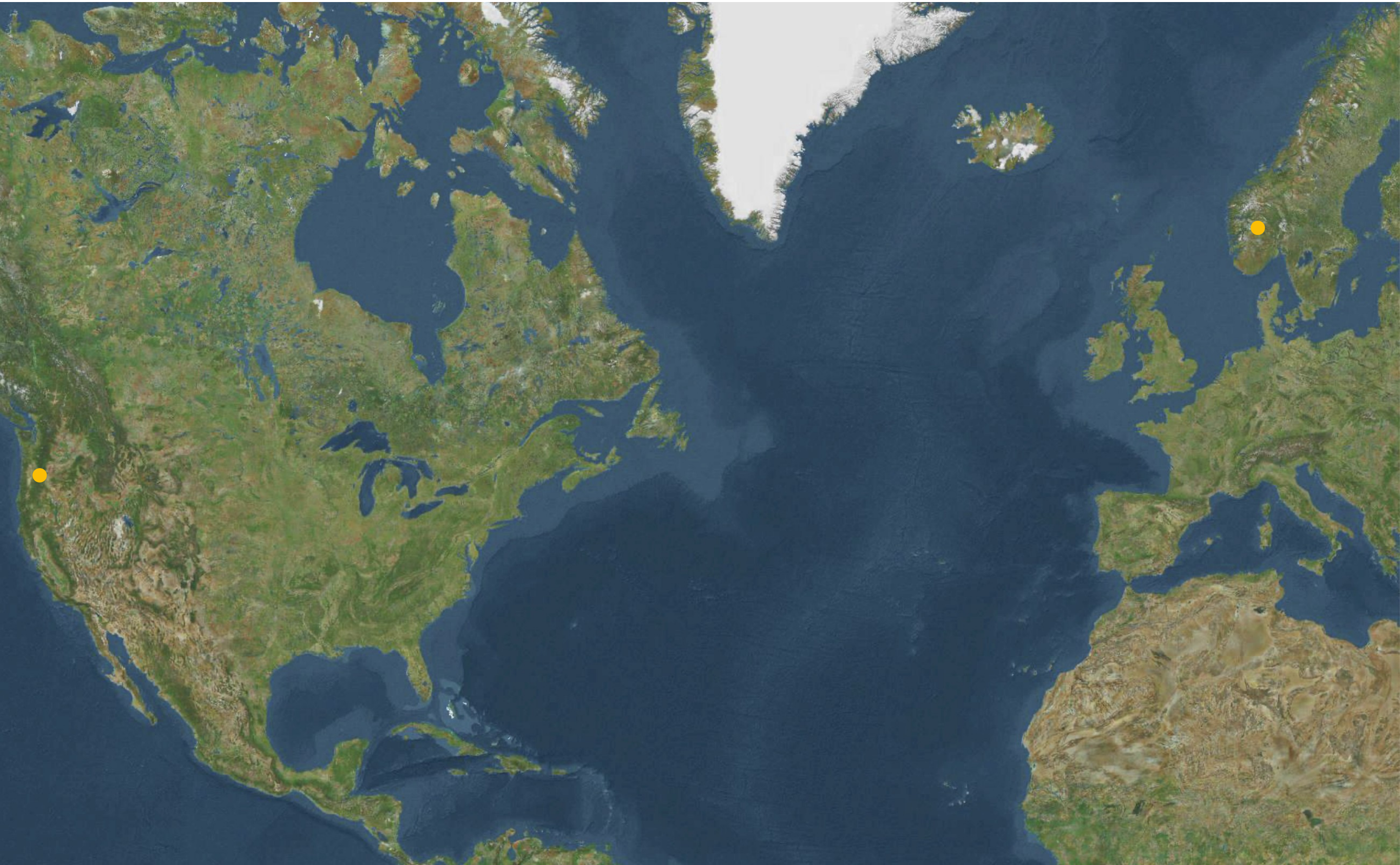
New Paltz, NY - 1317 mm  
(Westwind Orchards)

Source: [usclimatedata.com](https://usclimatedata.com)

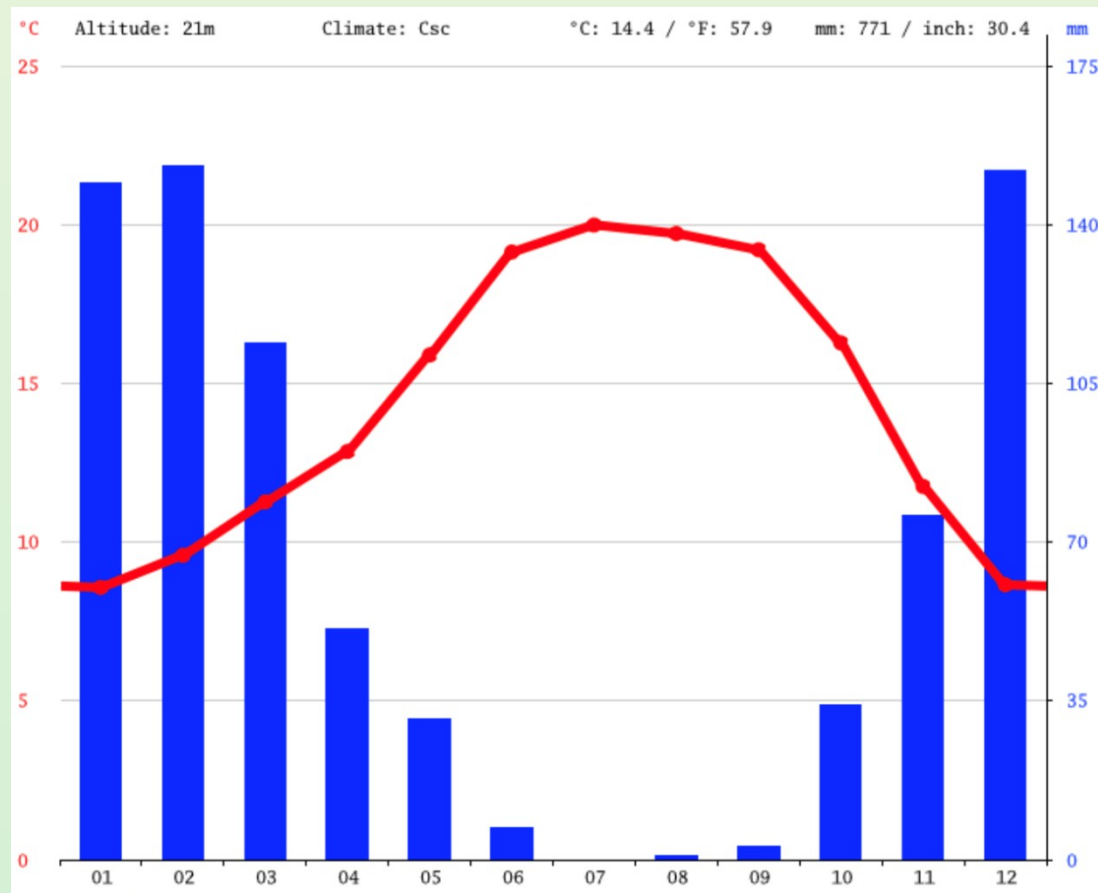




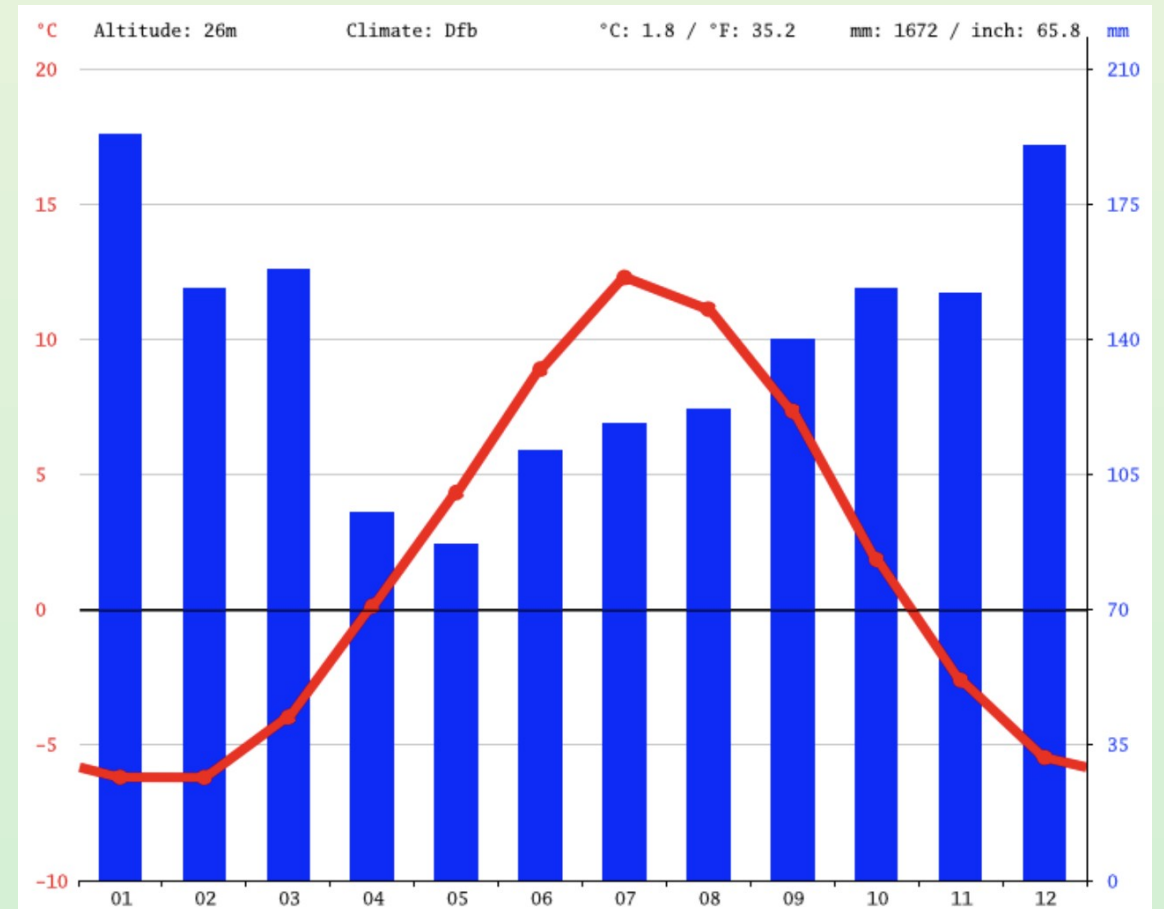
# Gravenstein Ciders







Sebastopol, CA, 771 mm  
(Eye Cyder)



Ulvik, Norway, 1672 mm  
(Ulvik Frukt og Cider)

Source: [climate-data.org](https://climate-data.org)











The variations in the quality of vintage fruit from the same trees in different years, owing to purely seasonal influences, are familiar to every cider maker. It is inevitable that the nature of the season should exert a very considerable influence upon the character of the cider on account of the important part played by sunshine and other weather conditions in connection with the ripening of the fruit.

— B.T. Barker



For questions or to request data  
contact me at

[allintocider@gmail.com](mailto:allintocider@gmail.com)