

Climate infographics for inter-year differences in temperature and precipitation

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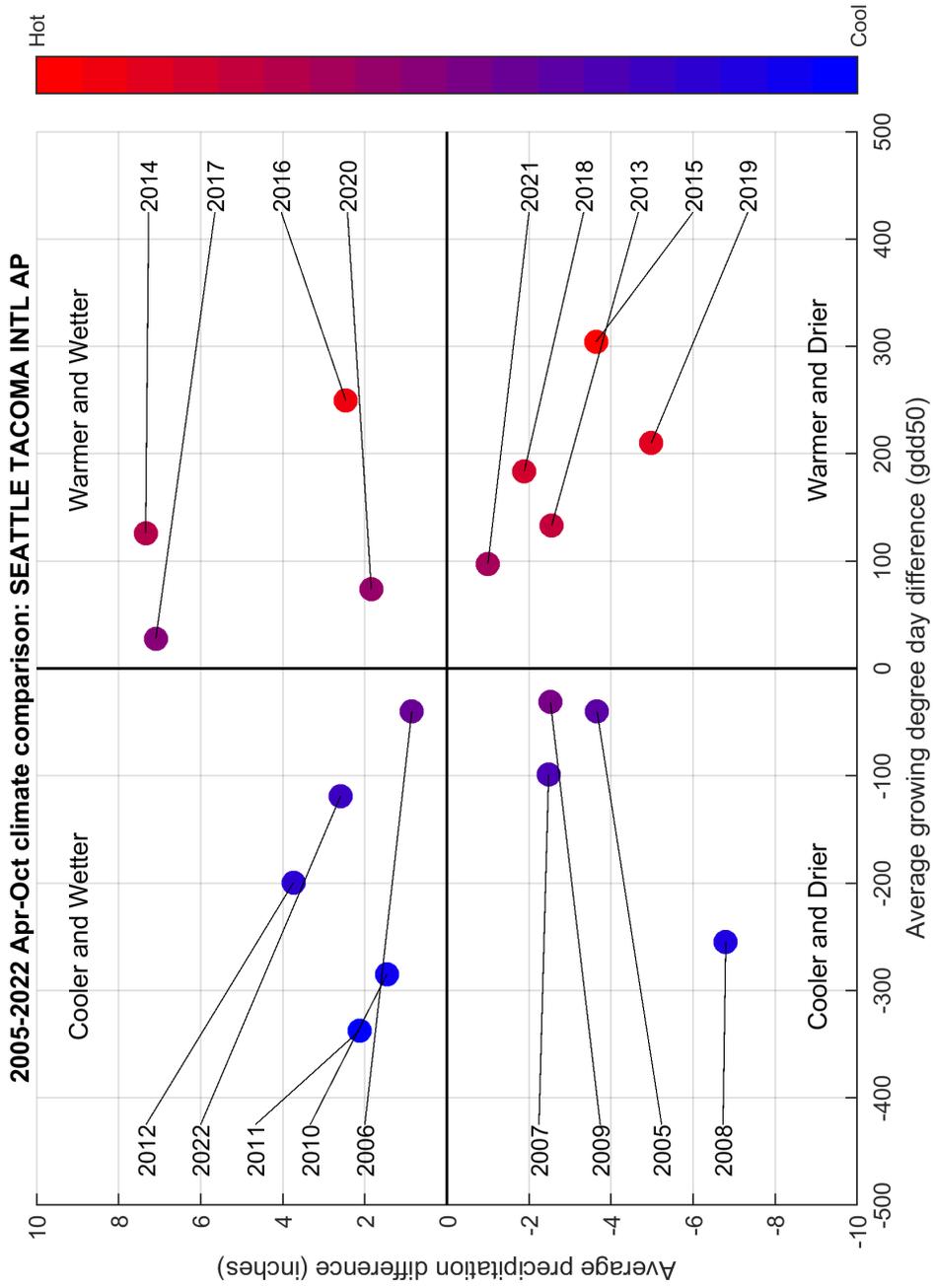
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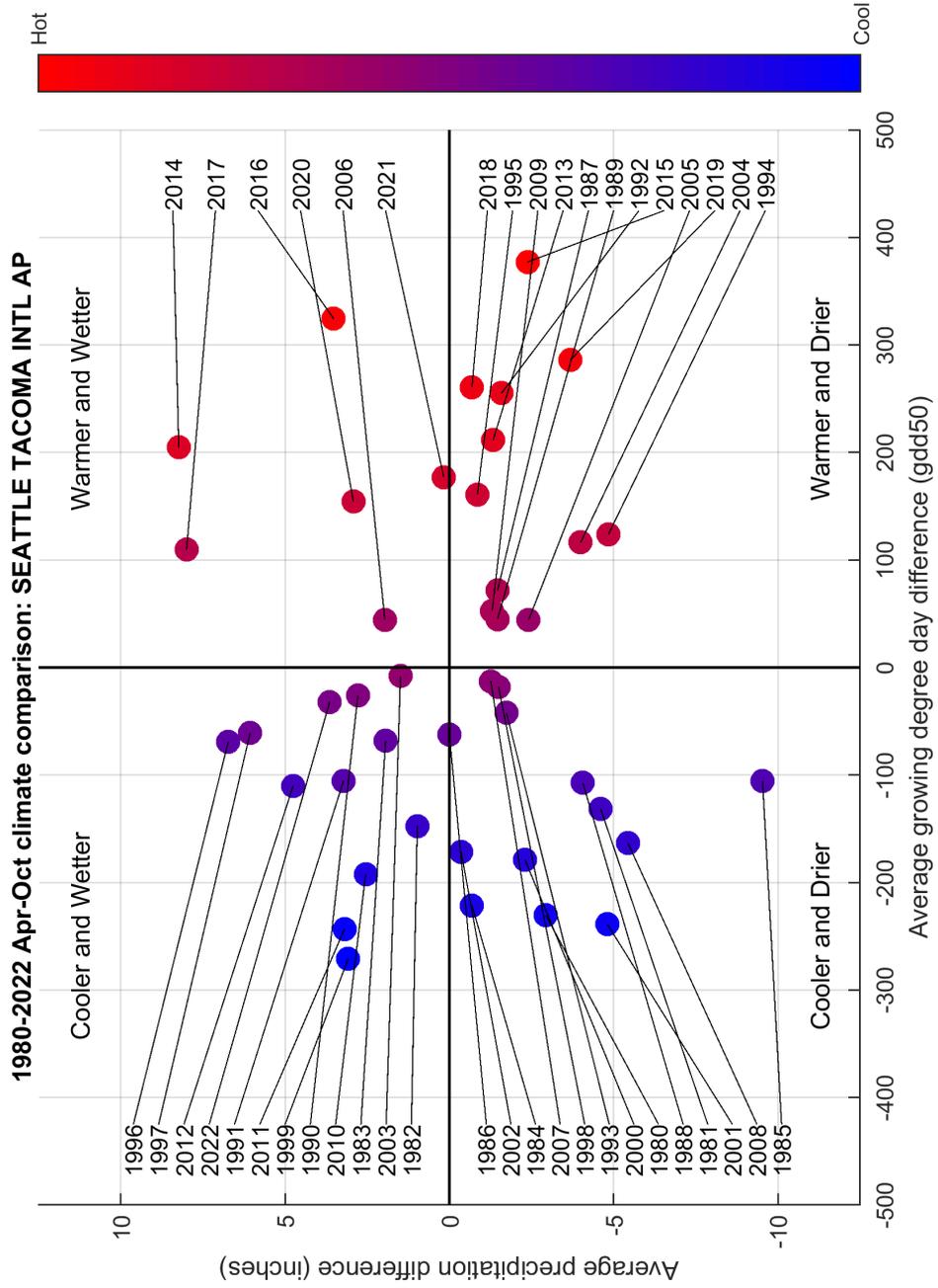
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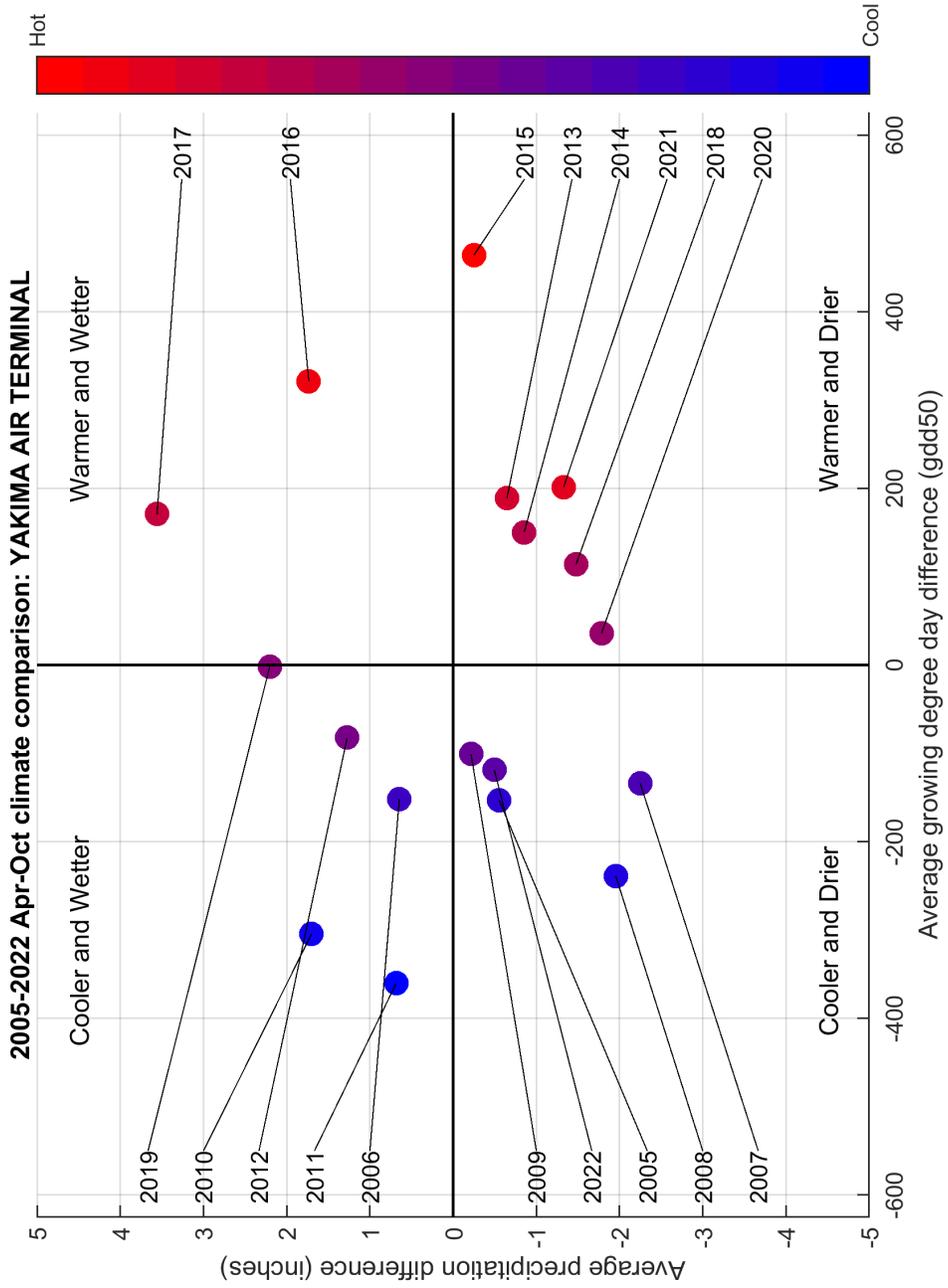
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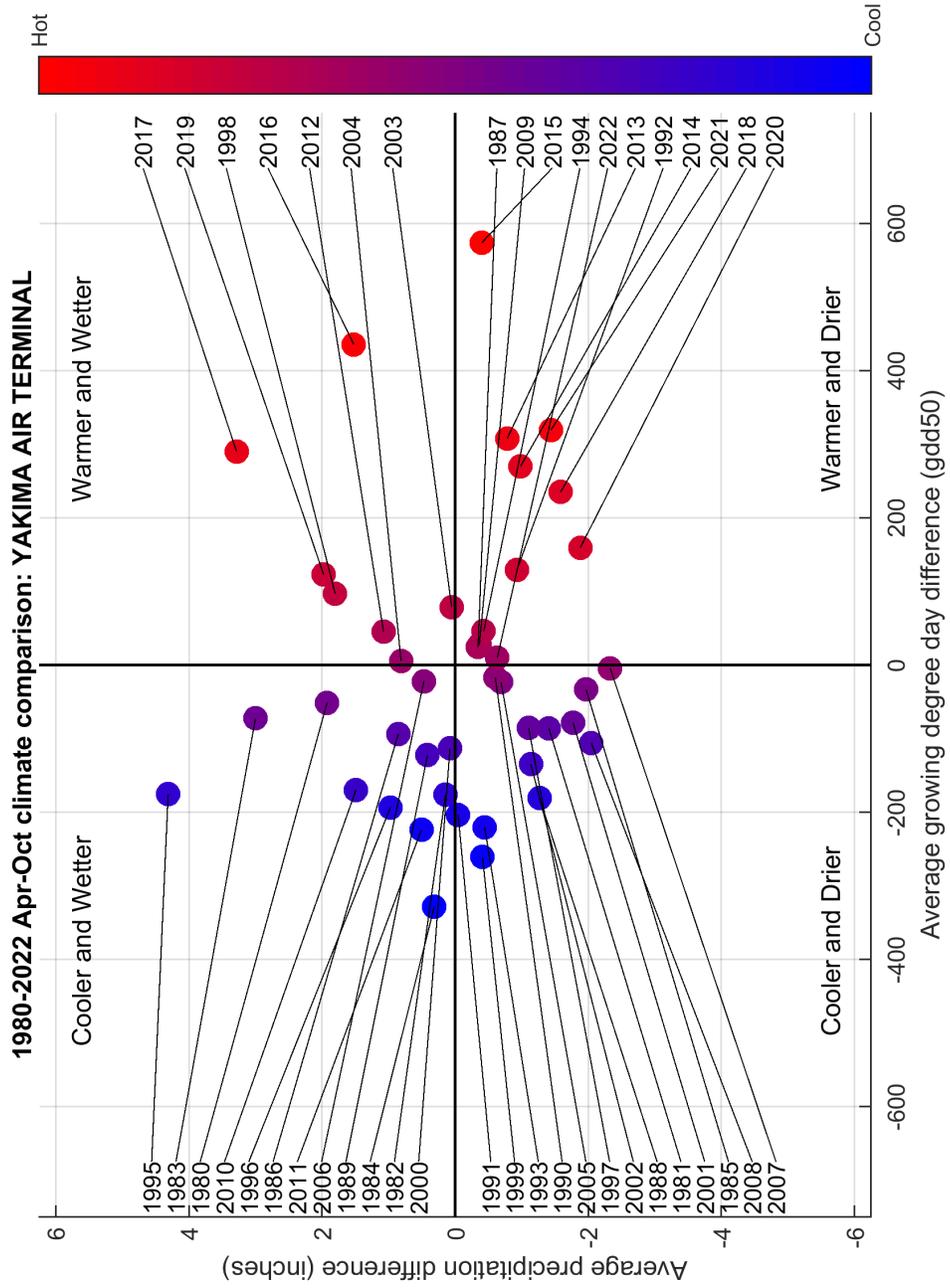
An example metric that may be used to compare climate variables related to temperature and precipitation. The examples use cumulative growing degree days and cumulative precipitation during the growing season to derive metrics for the similarity of the climate variable profiles between two or more years. The growing season was defined to be from April through October, and a temperature of 50 degrees Fahrenheit was used as the base for computing growing degree days. The key metrics use the area between the cumulative climate variable profiles for any two years allowing two climate variable to be compared simultaneously. The color of the dots indicates the relative average annual temperature of the growing years being compared, ranging from blue to red for cold to hot years.

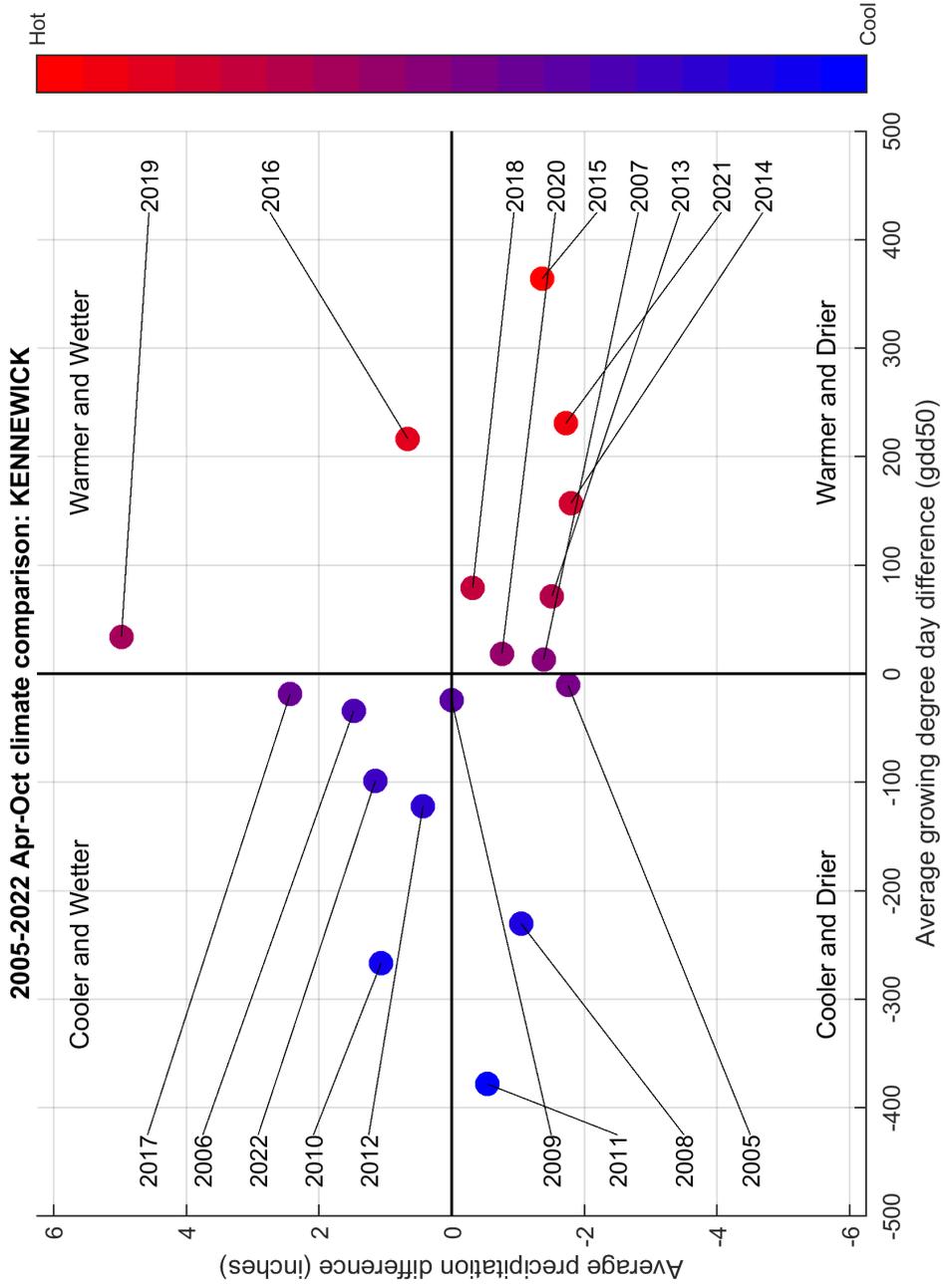
Comparison of growing seasons by year using the average differences in cumulative growing degree days and cumulative precipitation relative to the reference year: reference year minus all other years in the comparison.

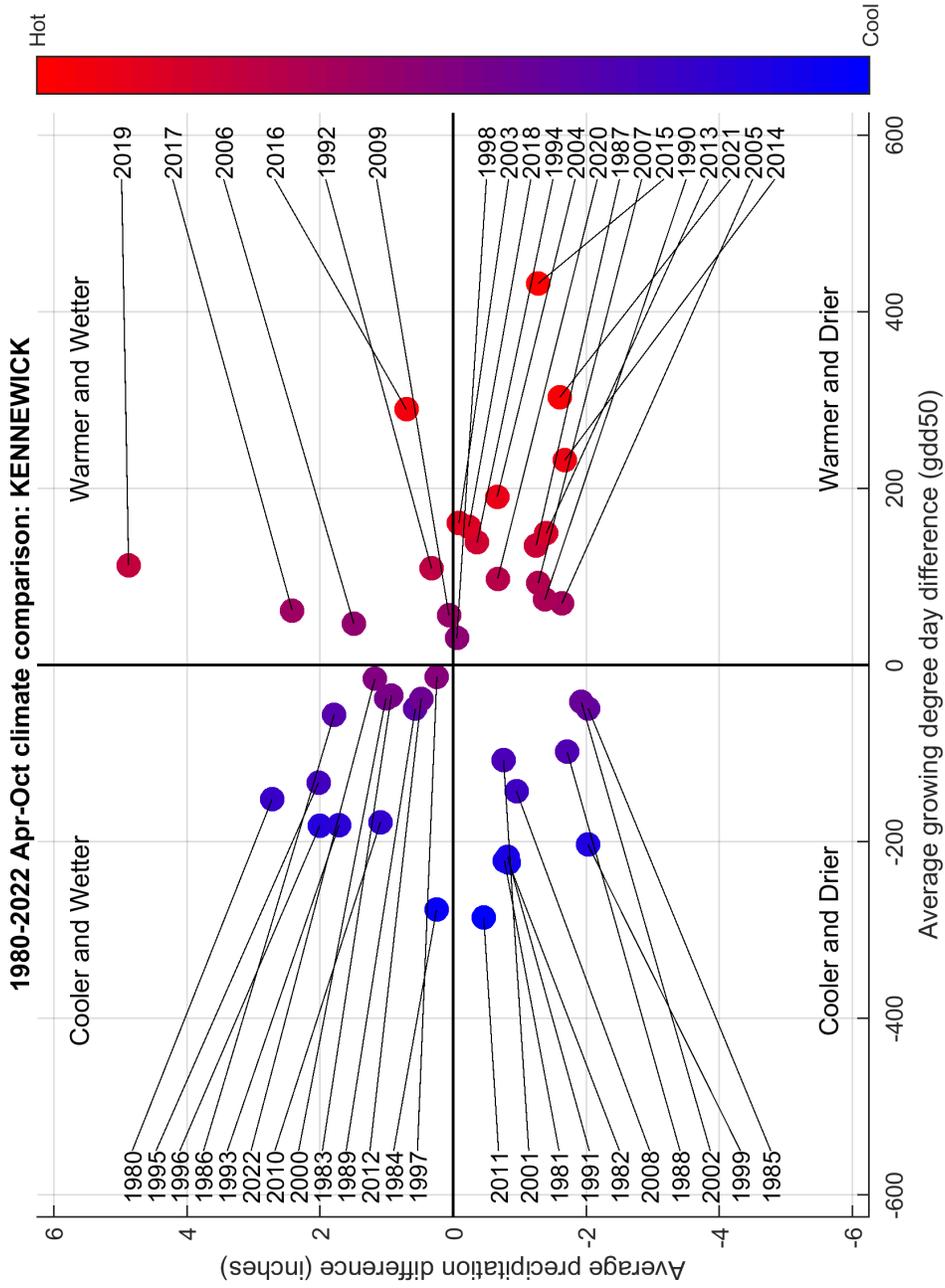












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