

# Degree Heating Month Analysis

Vanessa

2022-09-02

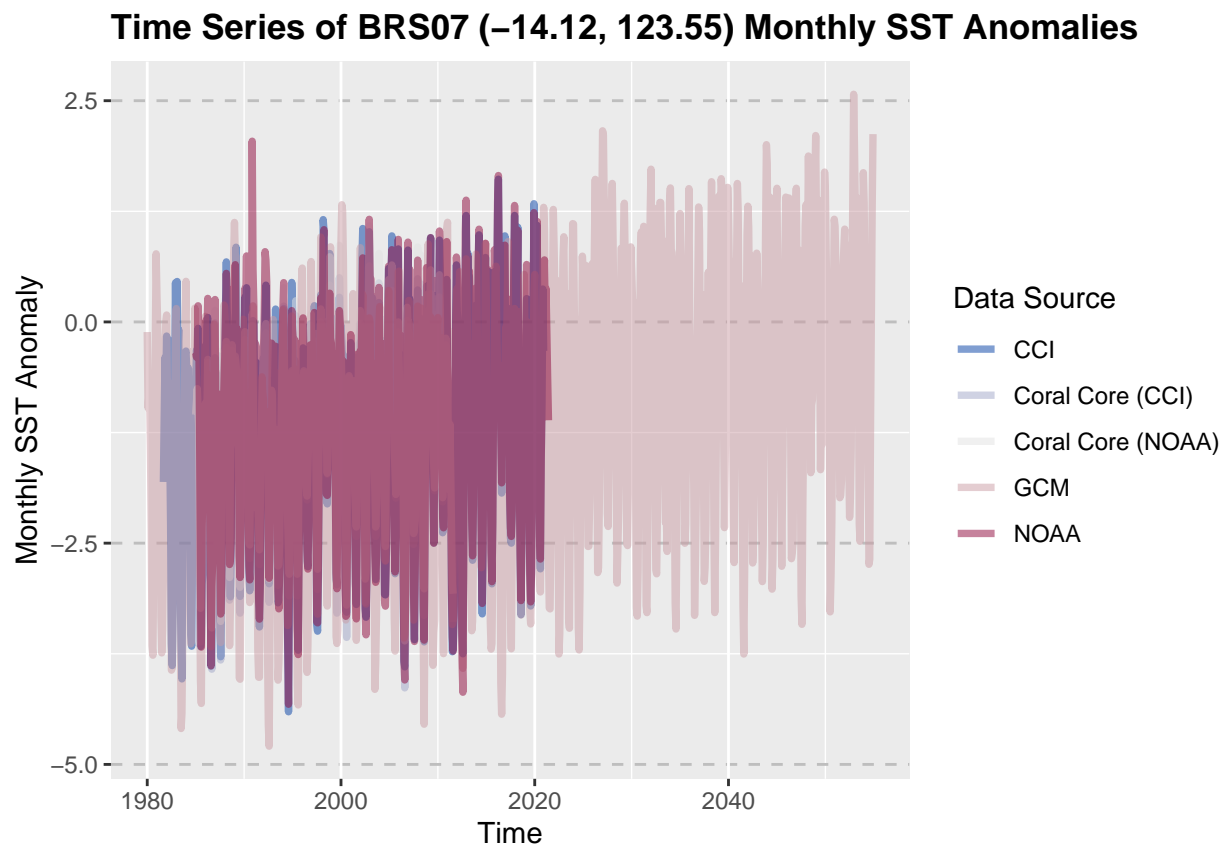
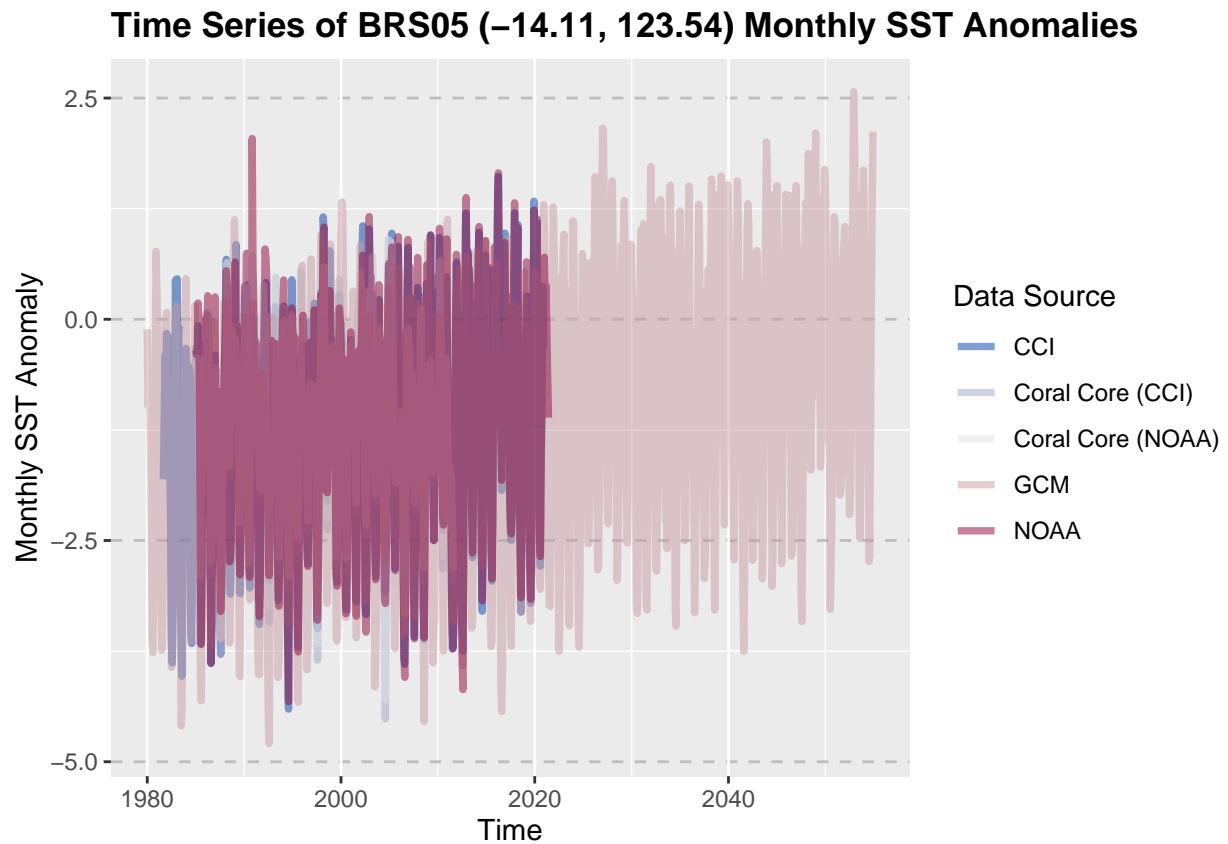
Site	Start Year	End Year
BRS05	1985	2011
BRS07	1985	2011
DAR3	1985	2009
DARL	1985	2009
13TNT	2004	2013
08TNT	1996	2008
13BND	2005	2013
08BND	1998	2008

Site	Start Year	End Year
HAB05B	1798	2010
HAB10A	1848	2010
BUN05A	1961	2008
TNT07C	1952	2008

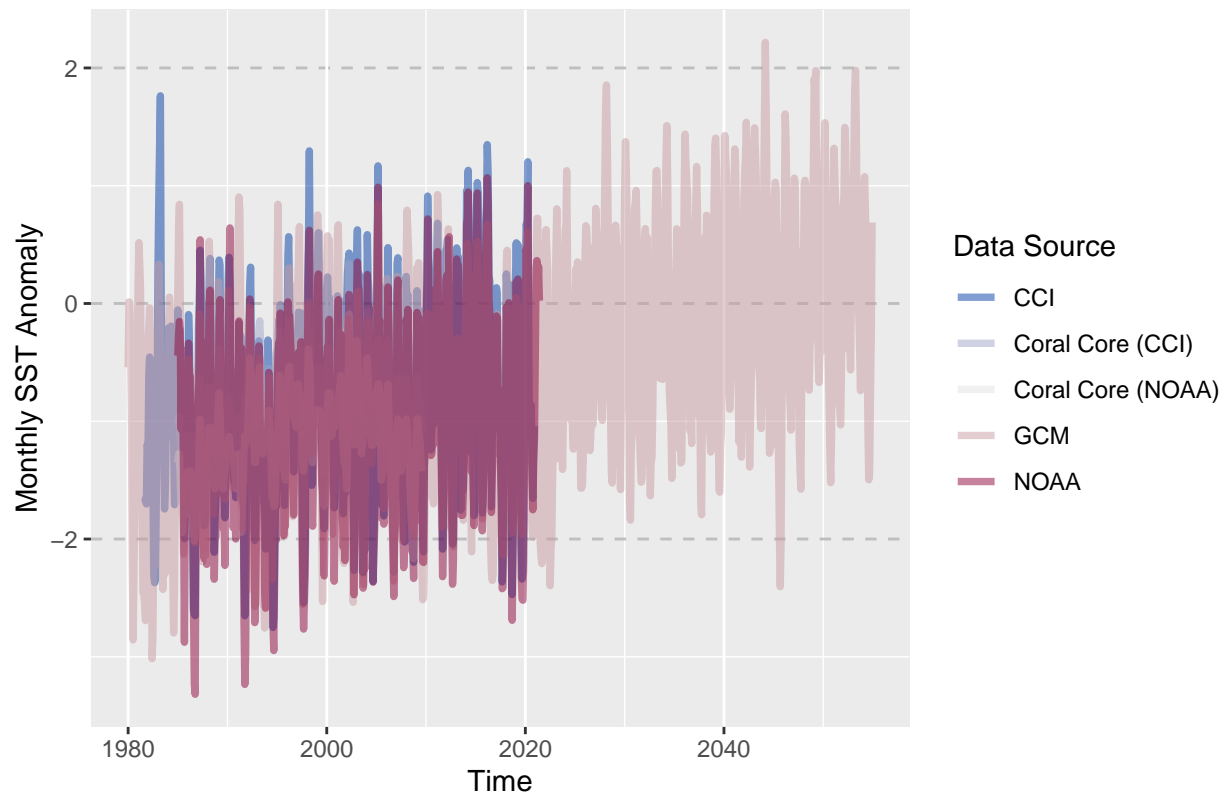
Date Range of Coral Cores



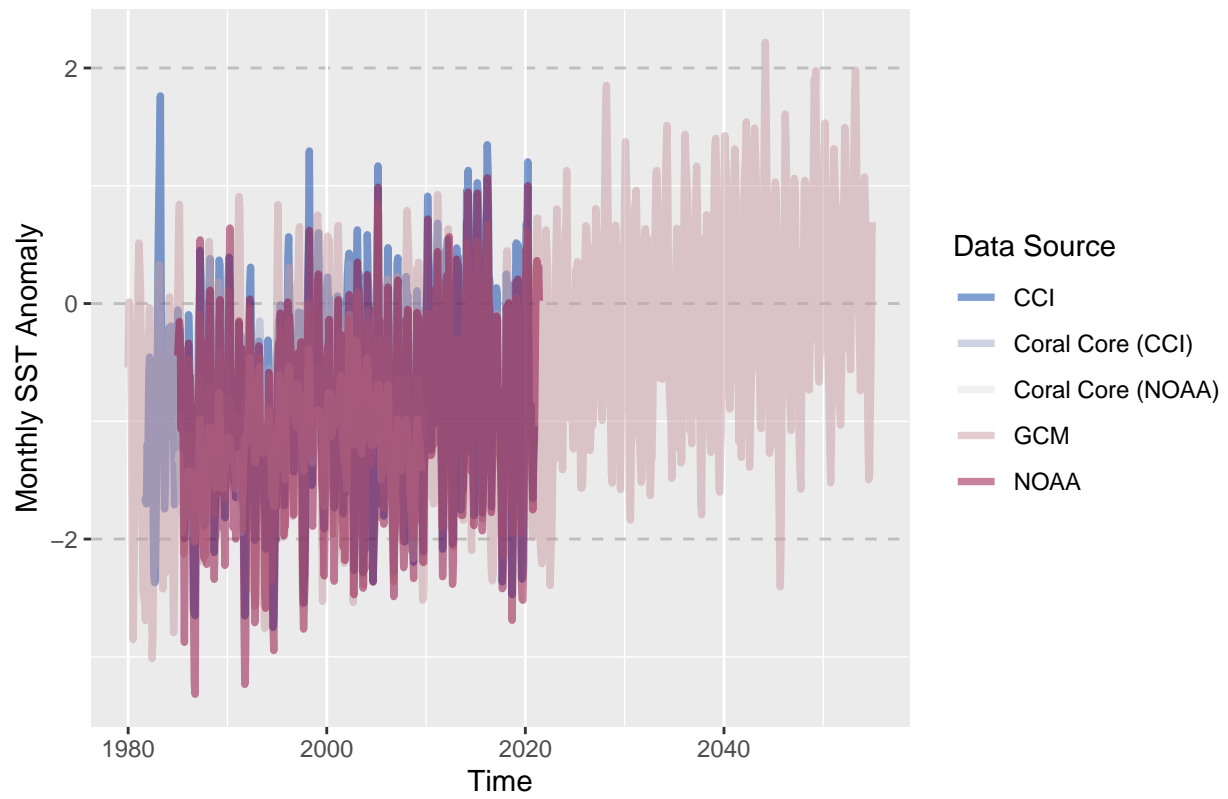
## Degree Heating Month Anomaly Time Series Plots:



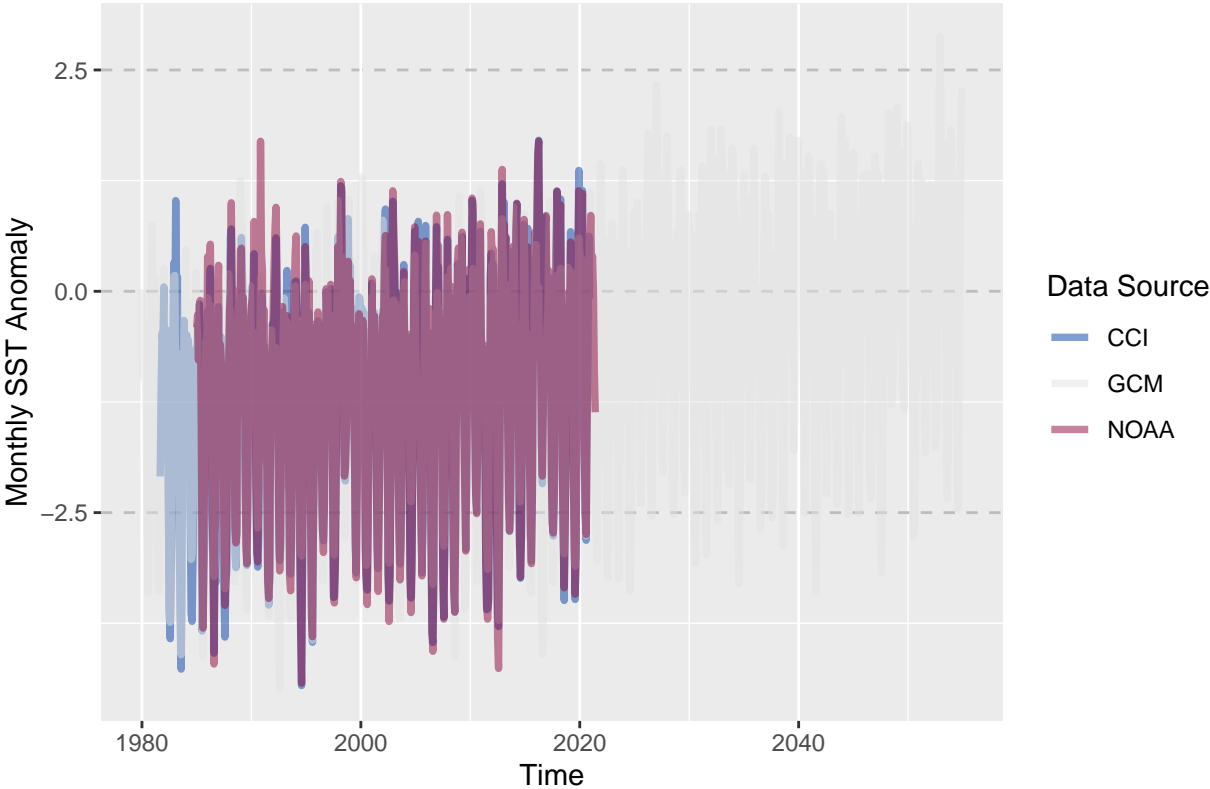
**Time Series of DAR3 (−12.10, 96.88) Monthly SST anomalies**



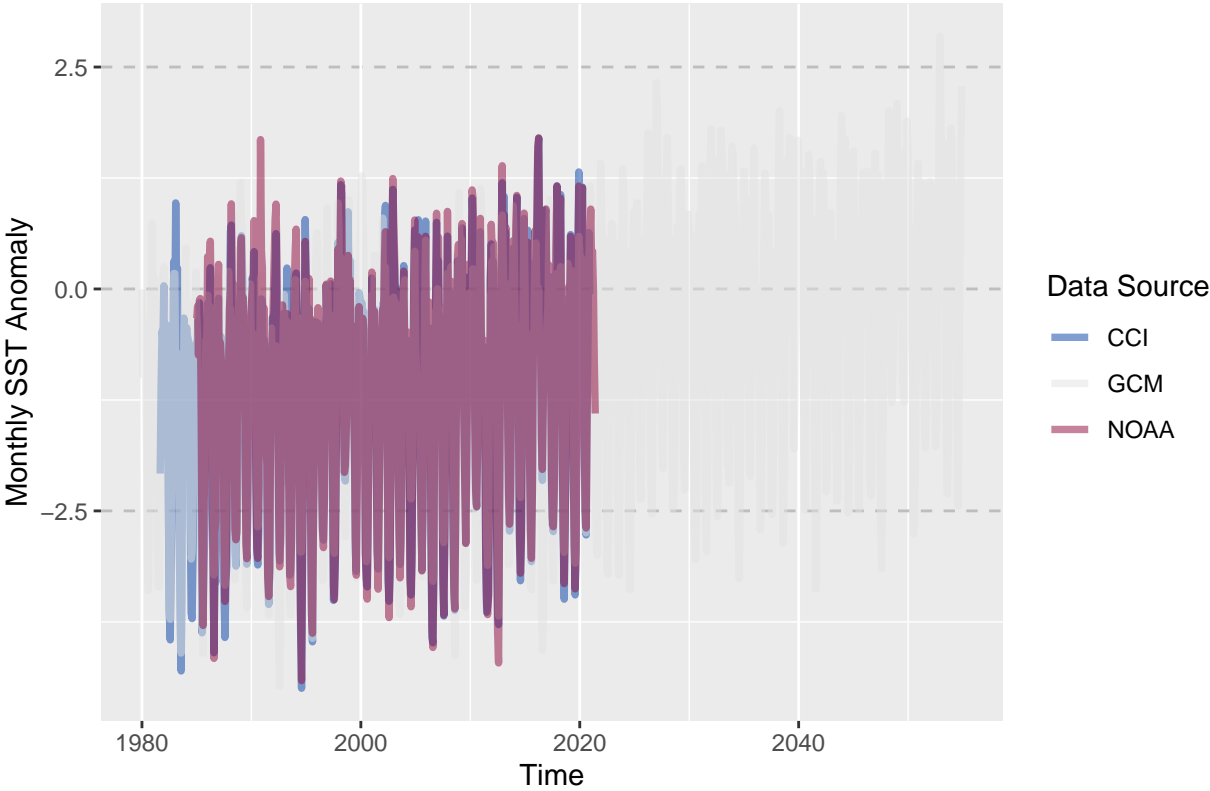
**Time Series of DAR Long (−12.09, 96.88) Monthly SST Anomalies**



Time Series of SCOTT\_RPO\_1 (-14.06, 121.78) Monthly SST Anomalie

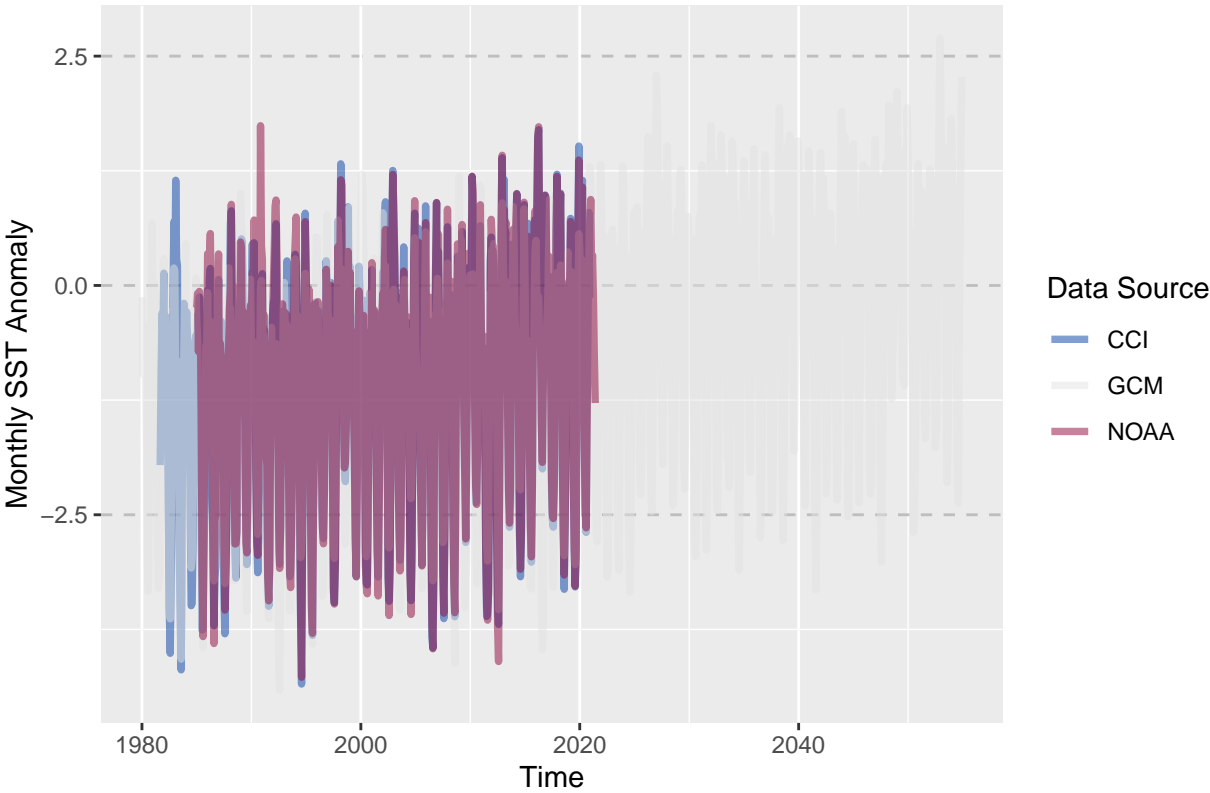


Time Series of SCOTT\_SL4 (−14.02, 121.86) Monthly SST Anomalies

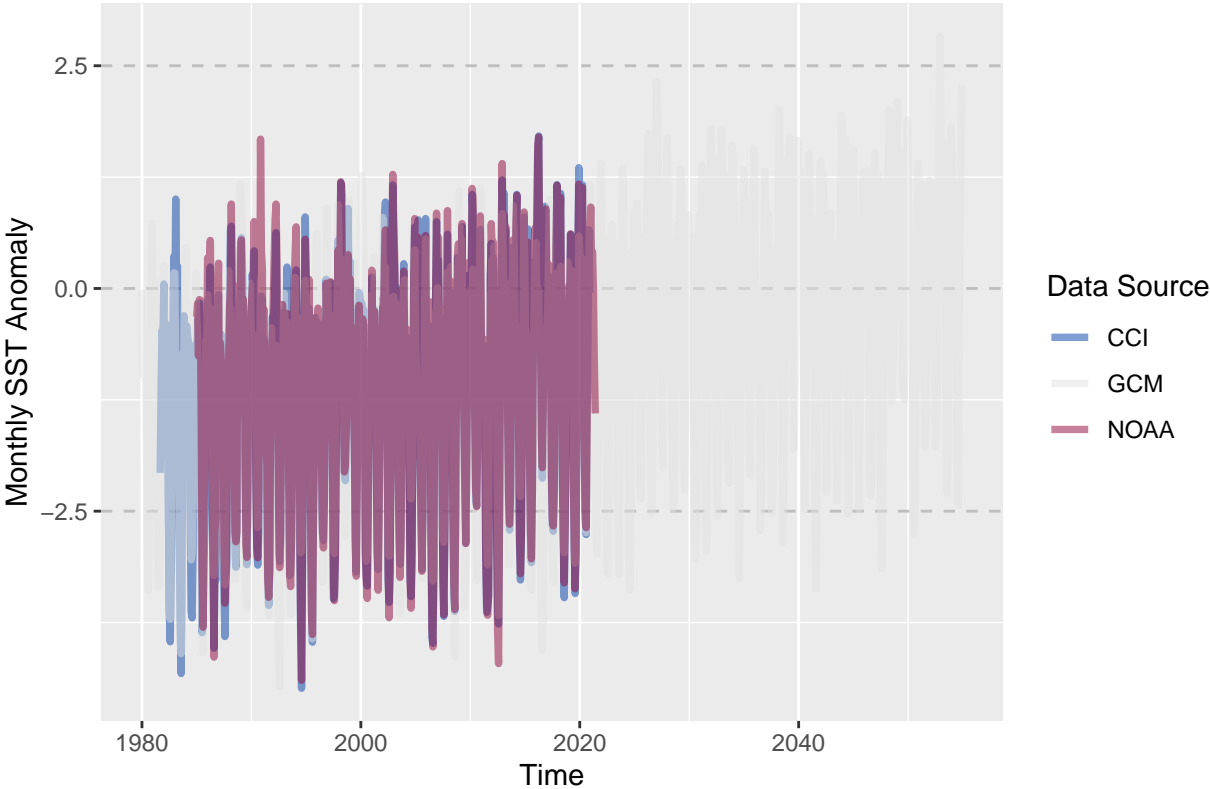




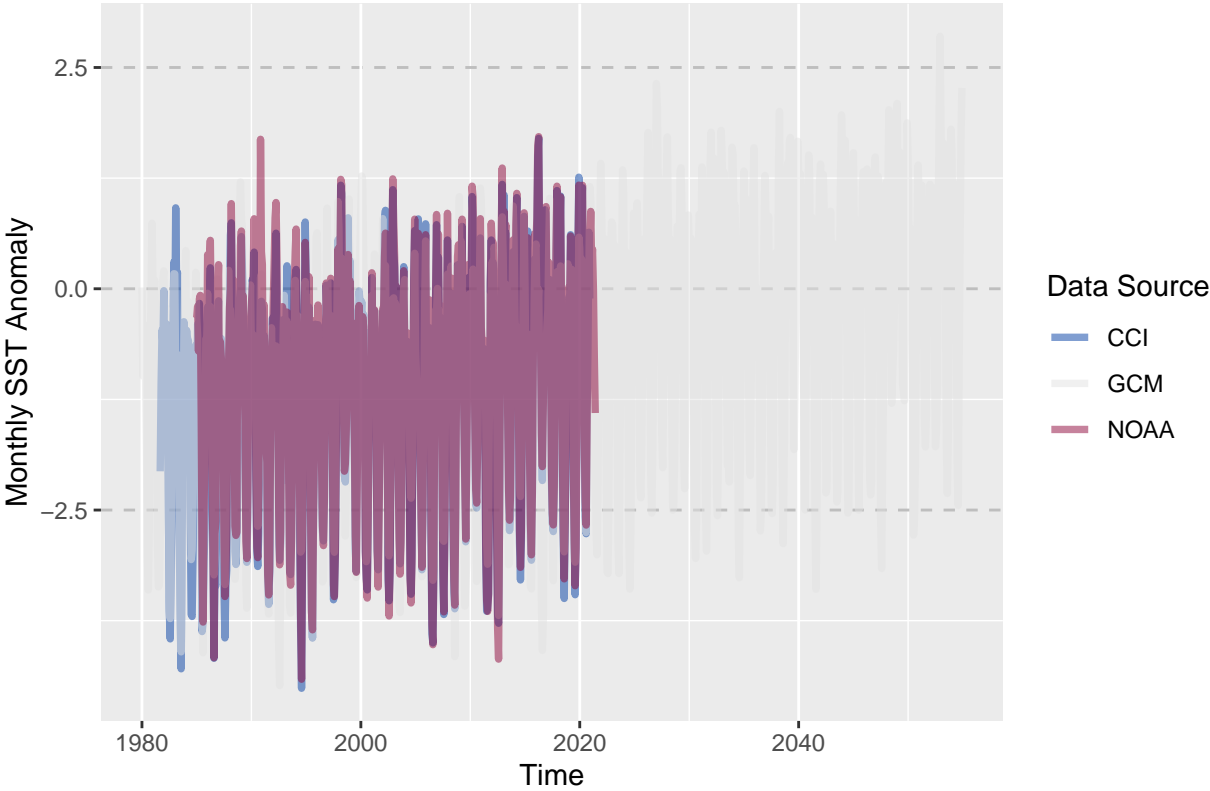
Time Series of SCOTT\_SS3 (−13.64, 122.03) Monthly SST Anomalies



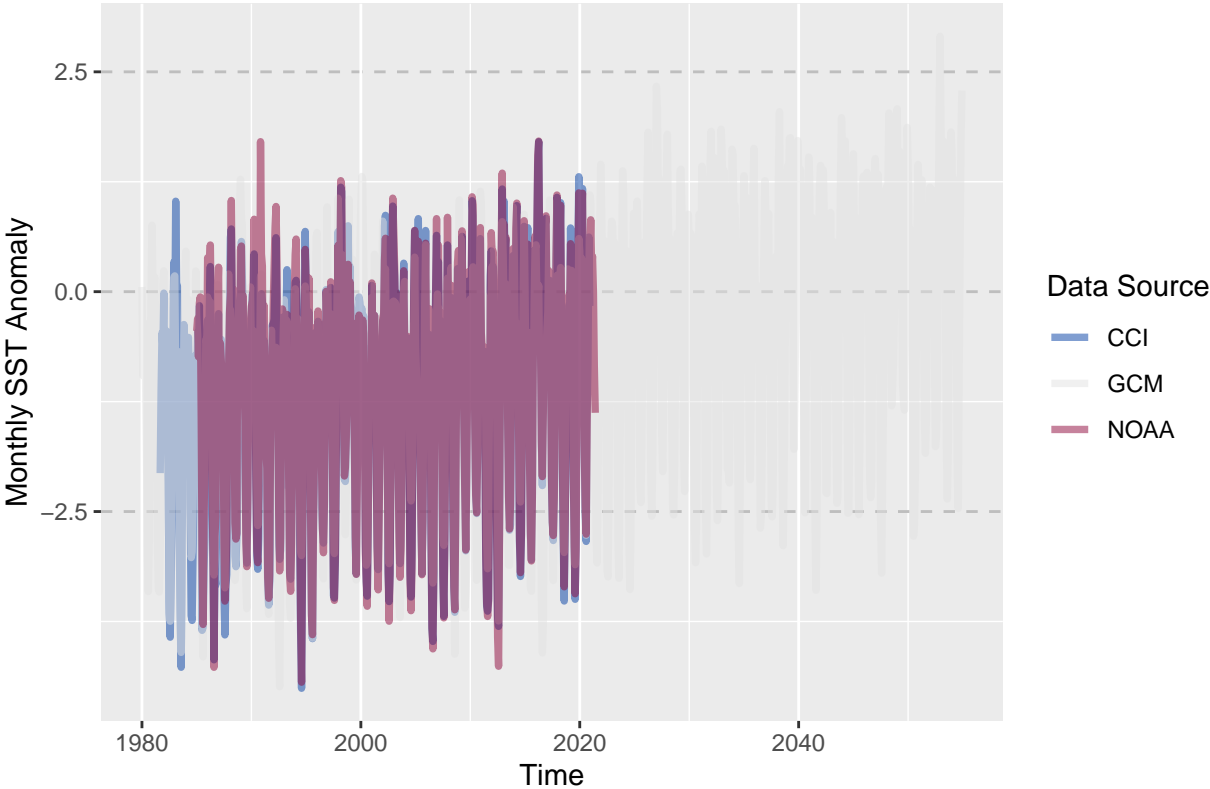
Time Series of SCOTTNR1 (−13.99, 121.88) Monthly SST Anomalies



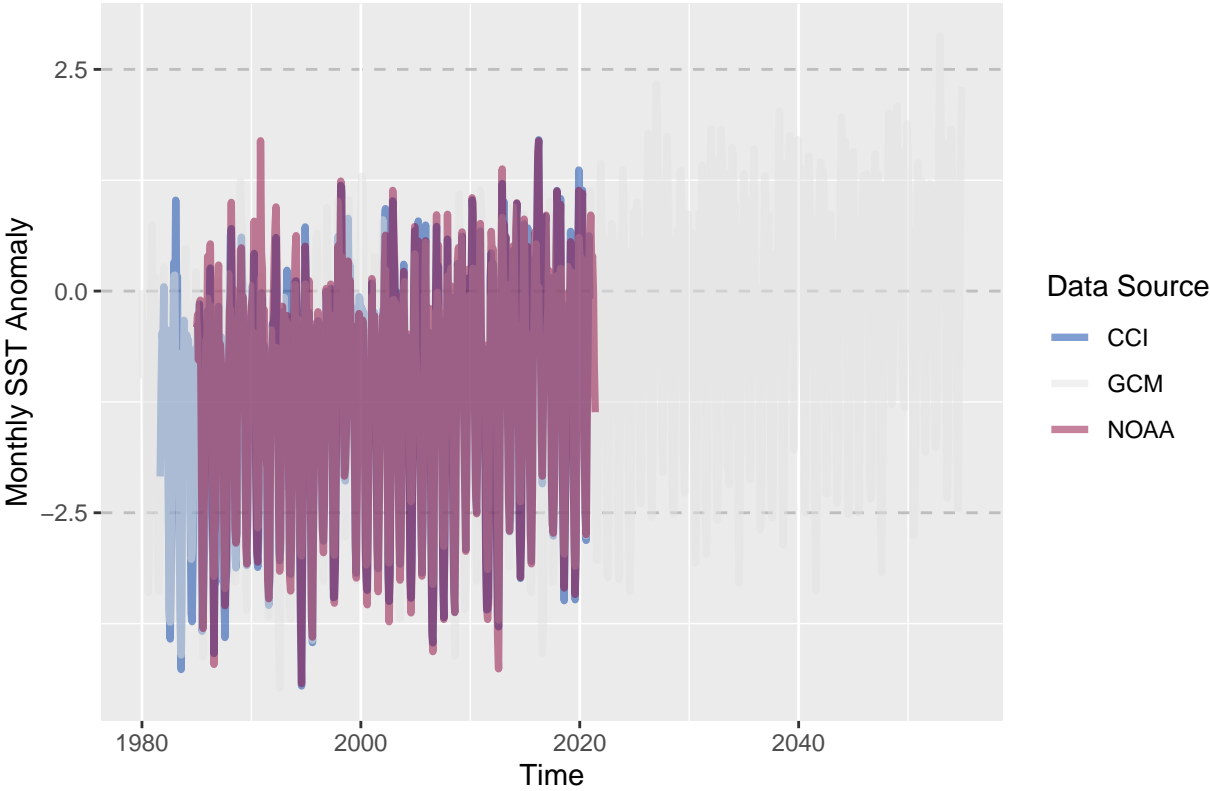
Time Series of SCOTTSL1 (−14.08, 121.95) Monthly SST Anomalies



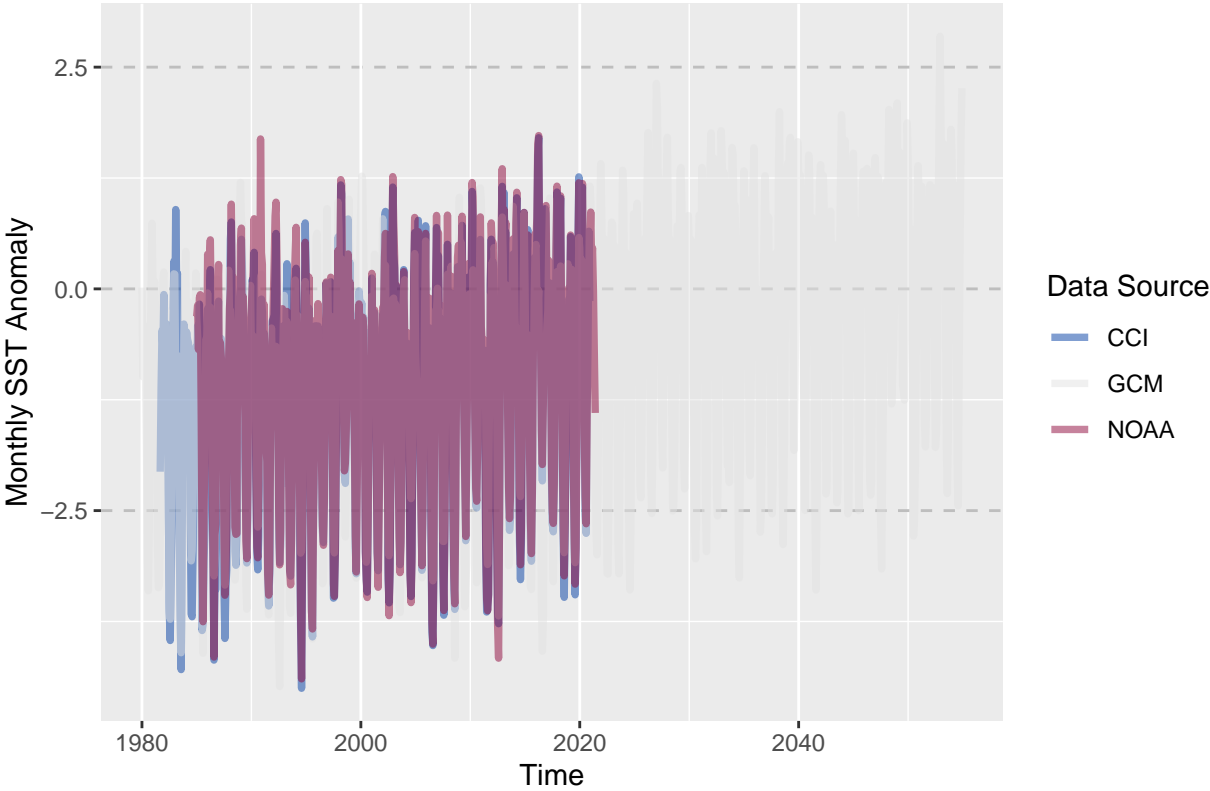
Time Series of SCOTTS2 (−14.19, 121.80) Monthly SST Anomalies



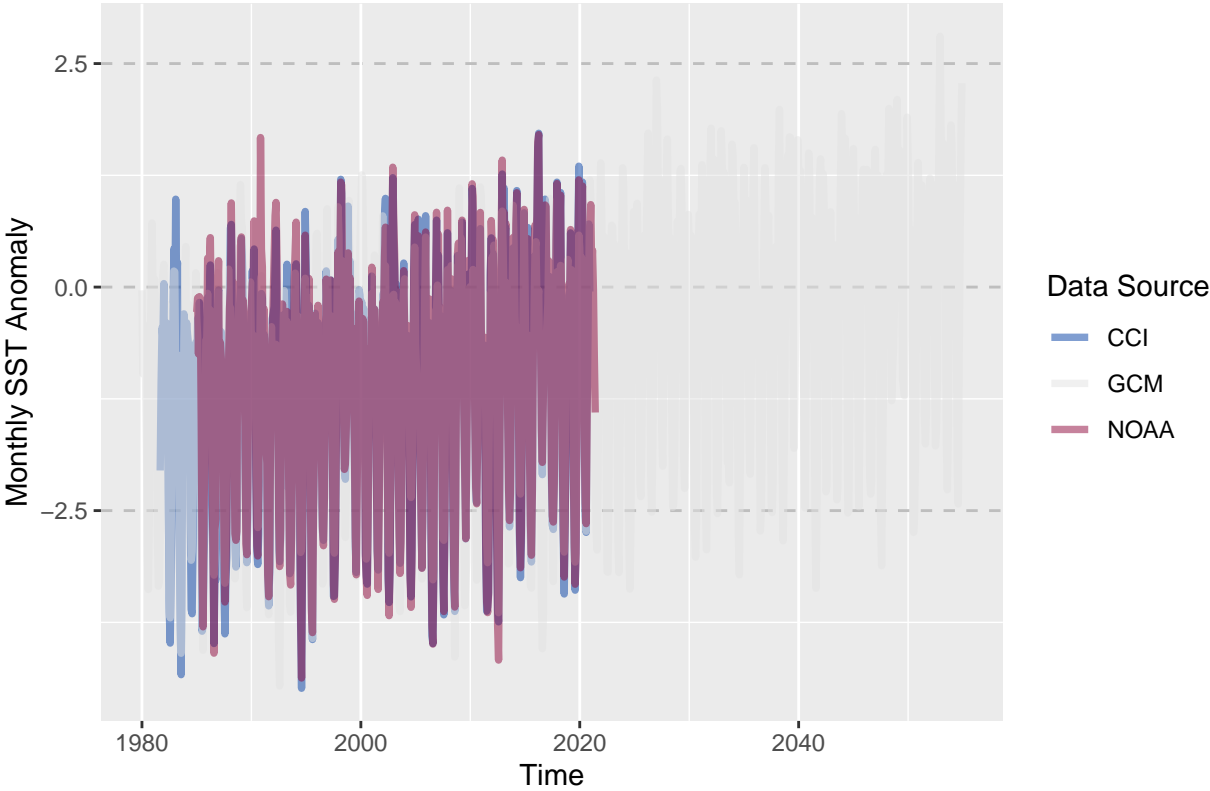
Time Series of SCOTTSL3 (-14.07, 121.78) Monthly SST Anomalies

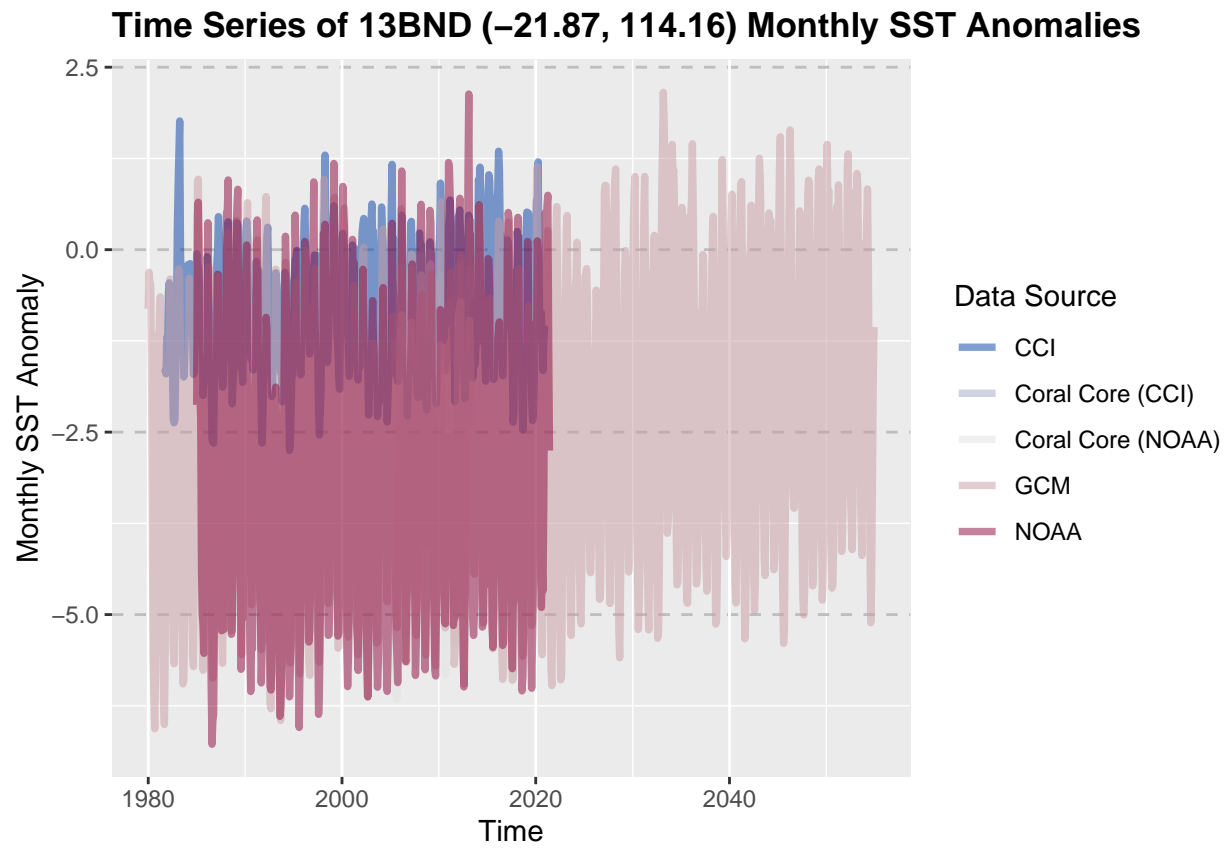


Time Series of SCOTTSS1 (−14.08, 121.98) Monthly SST Anomalies

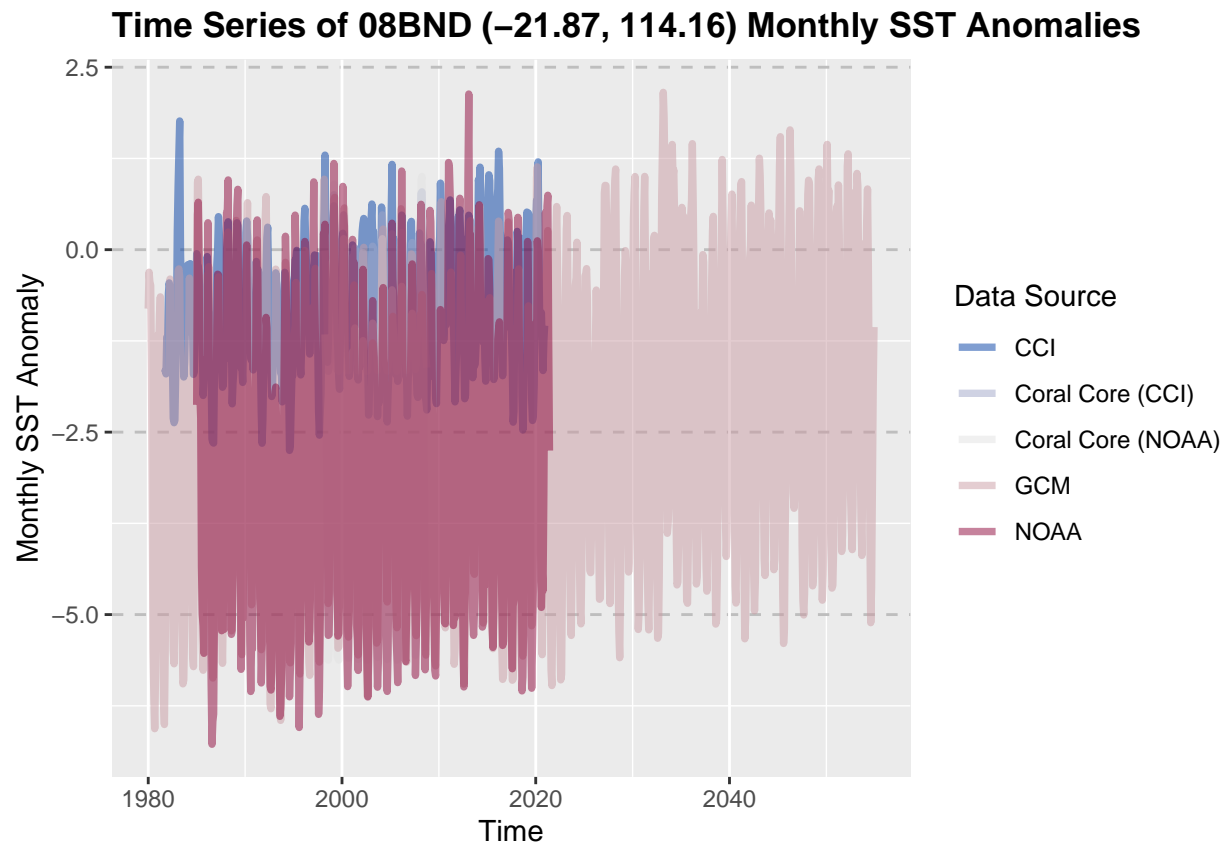


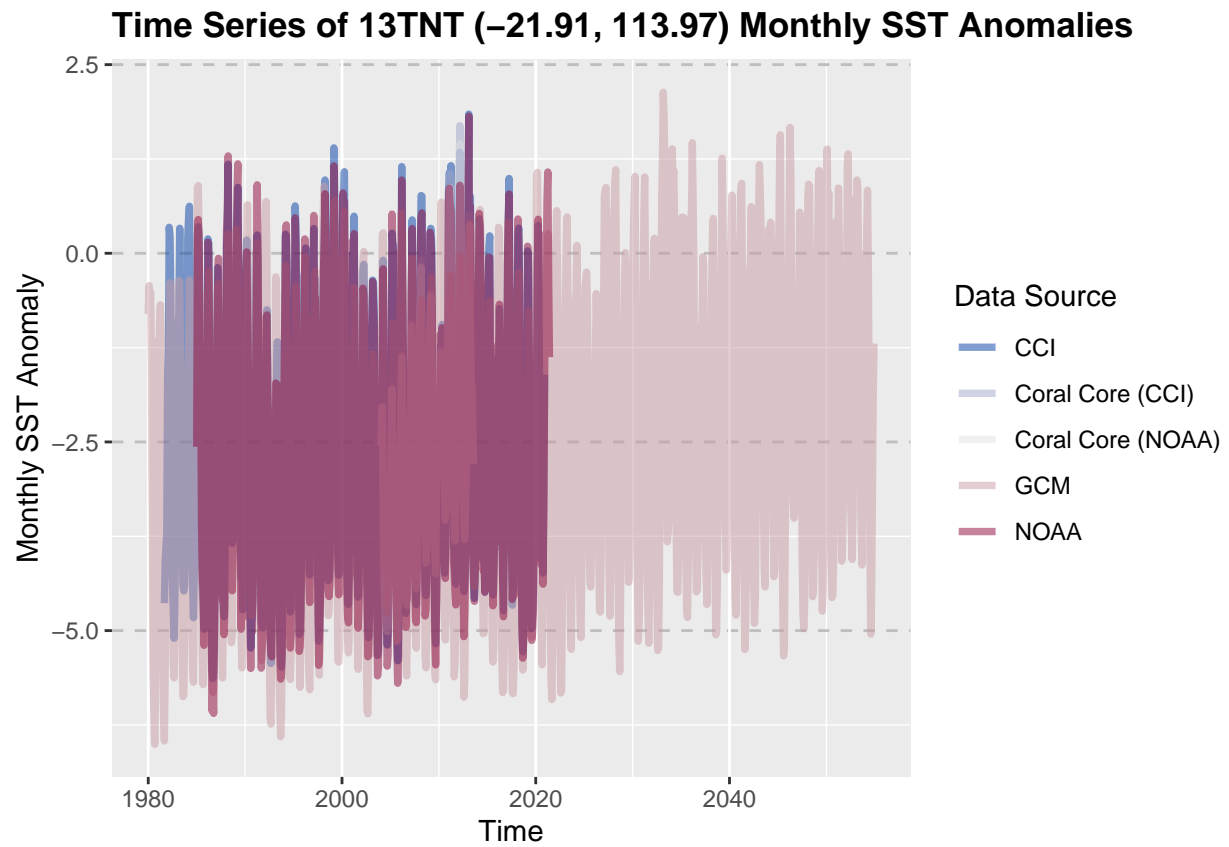
Time Series of SCOTTSS2 (−13.92, 121.92) Monthly SST Anomalies

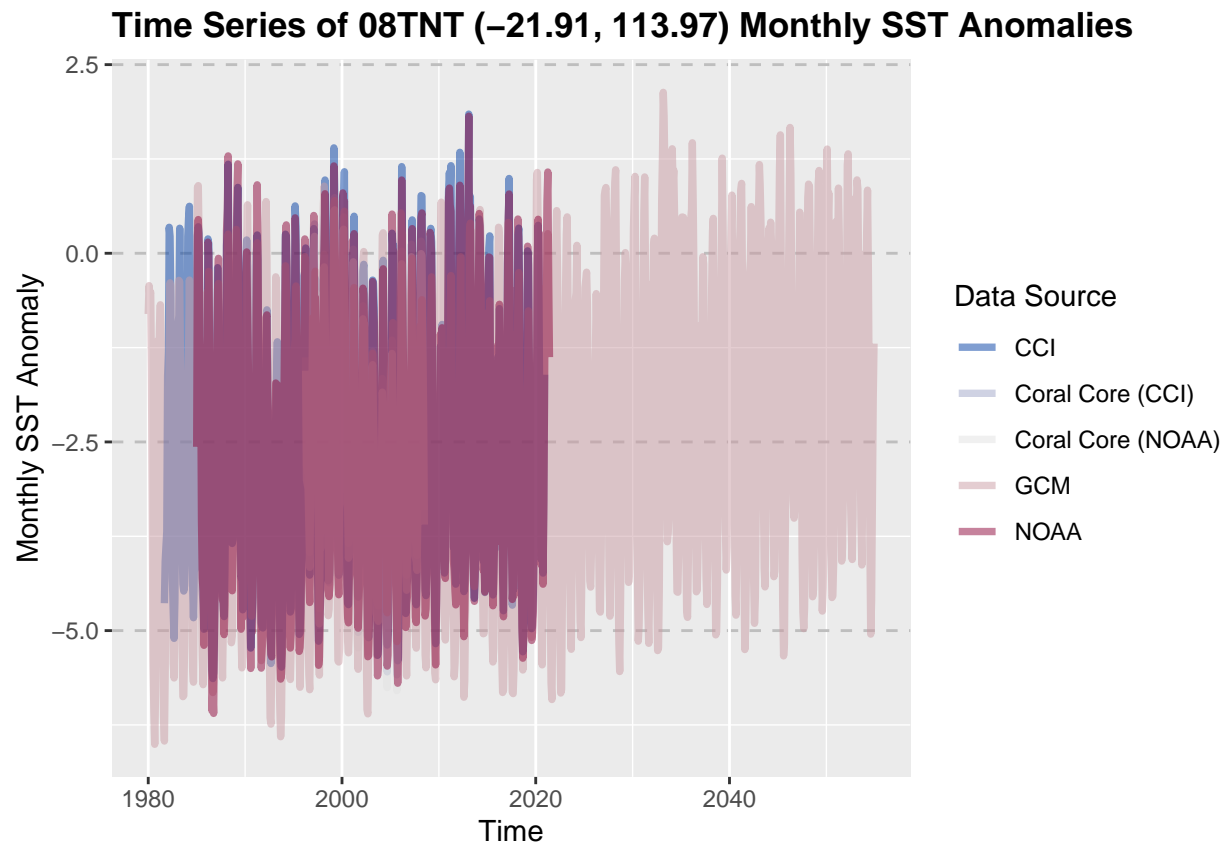




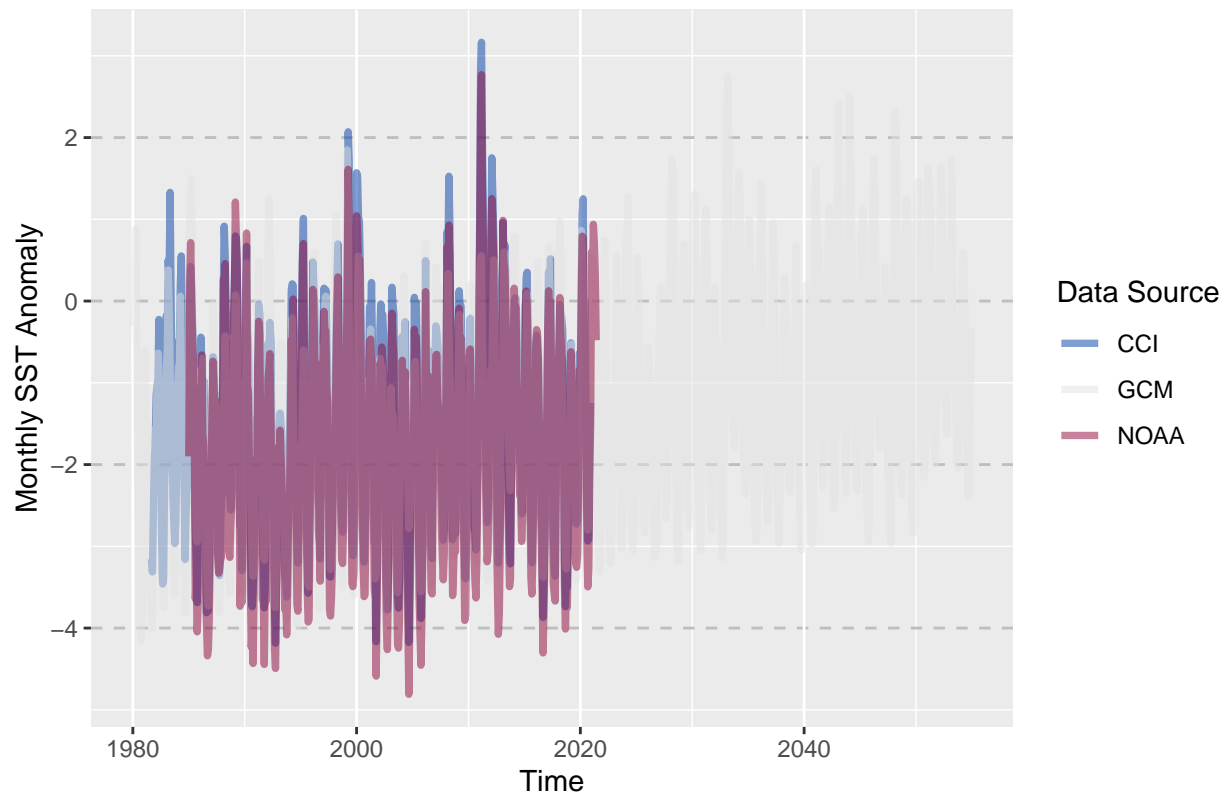




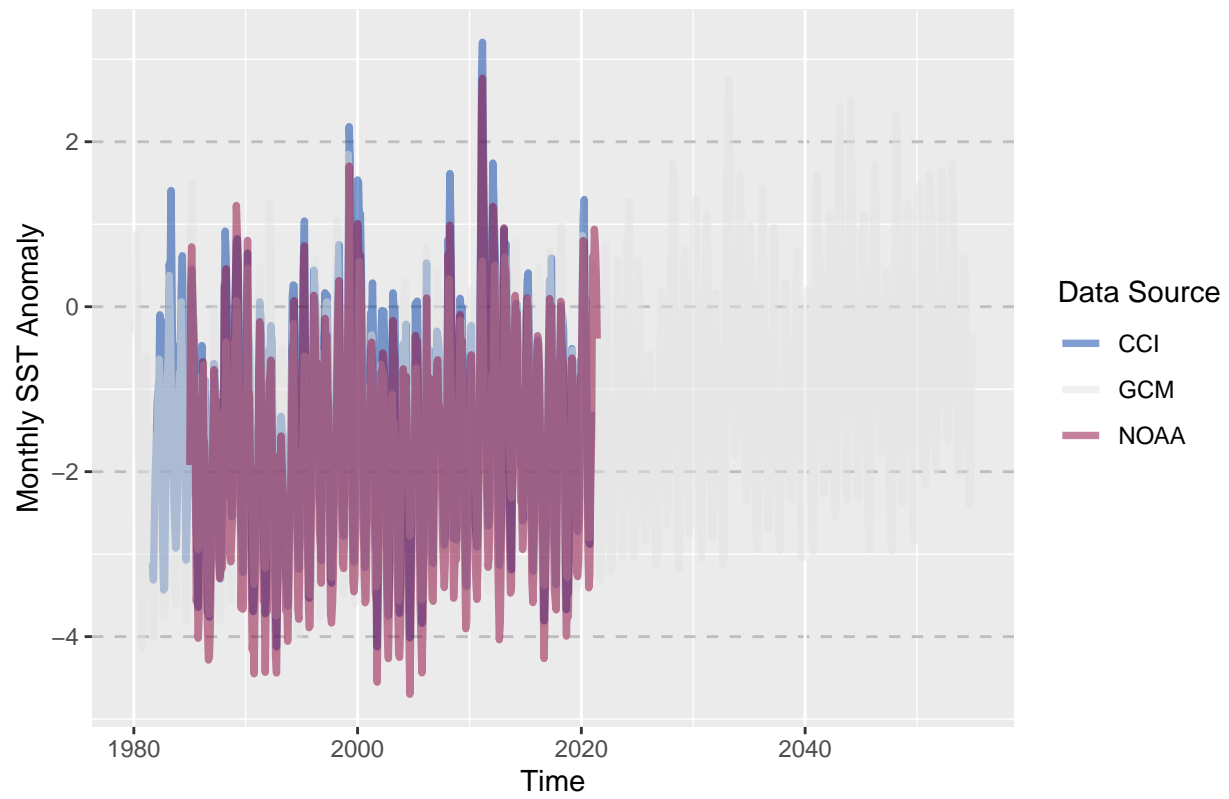




**Time Series of HAB05B (−28.46, 113.77) Monthly SST Anomalies**

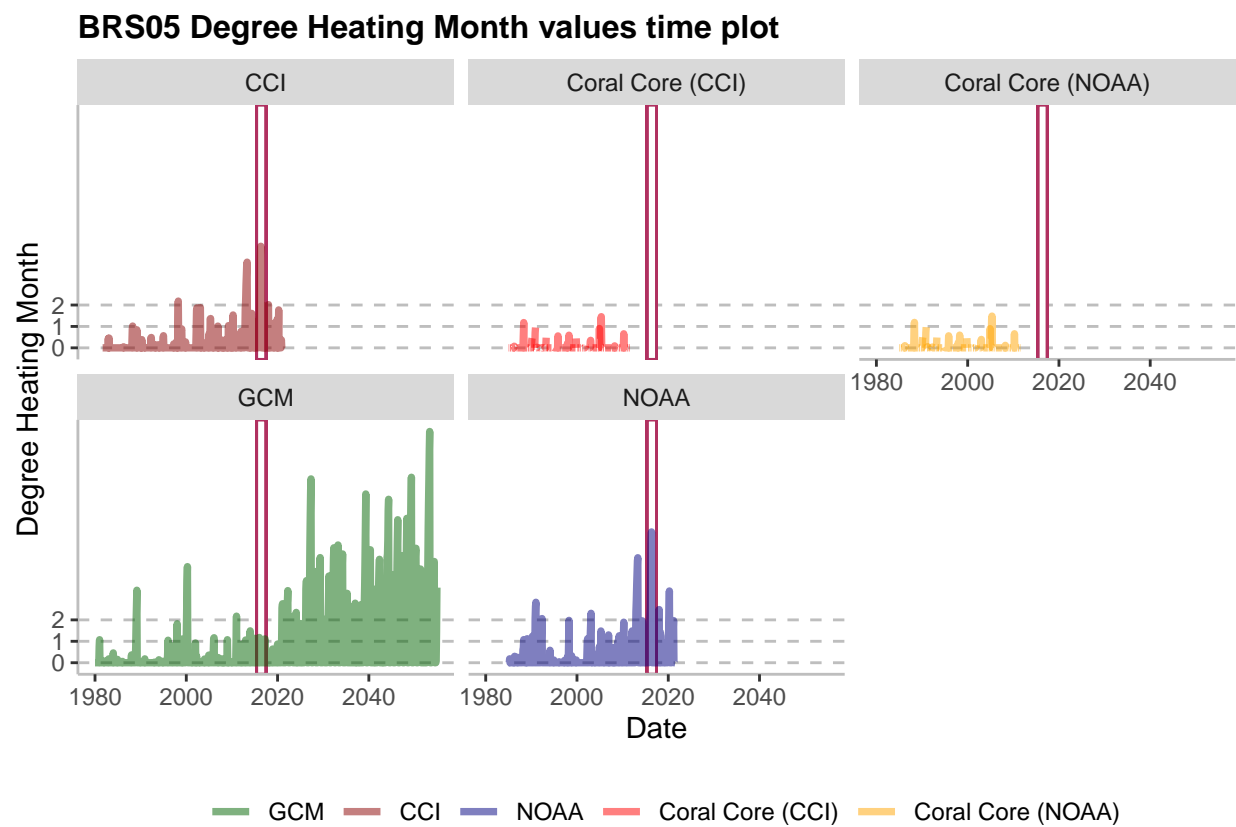
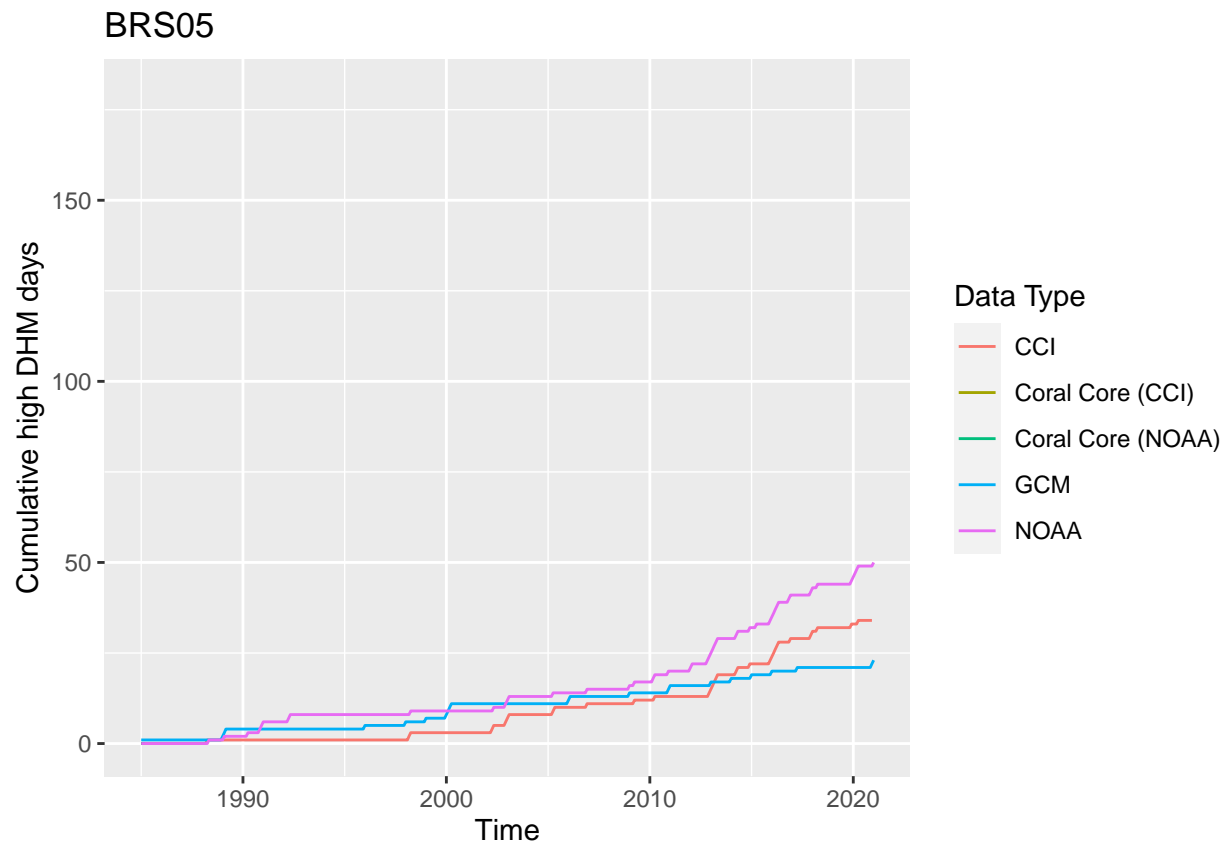


**Time Series of HAB10A (−28.46, 113.75) Monthly SST Anomalies**





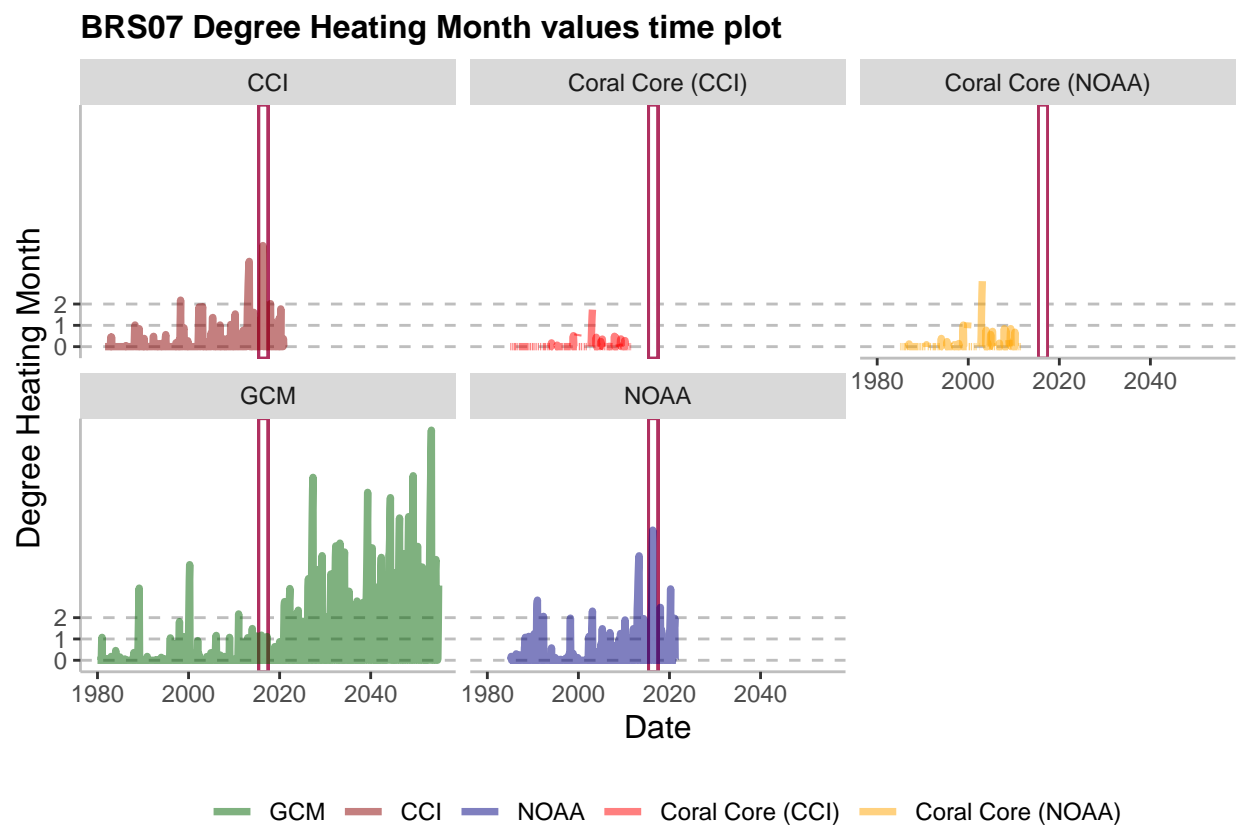
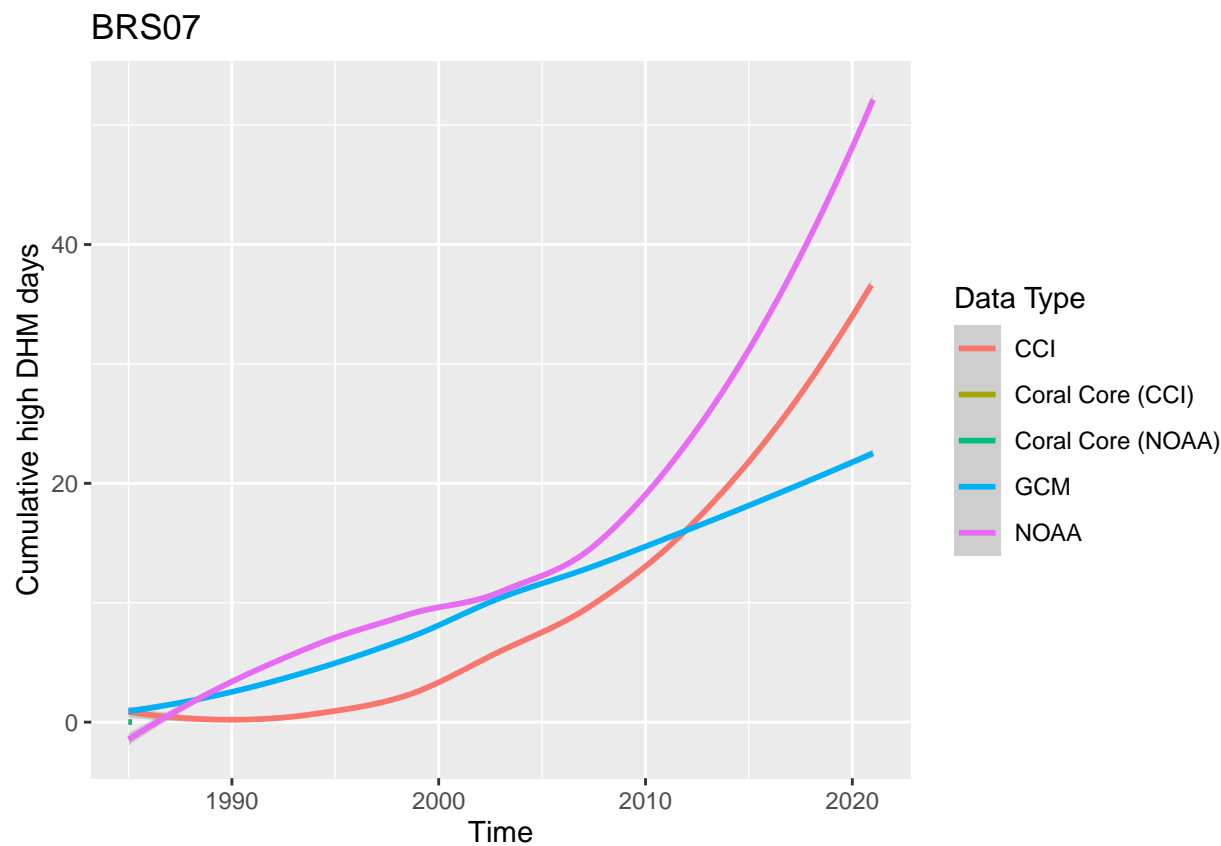
## BRS05 Degree Heating Months Time Series



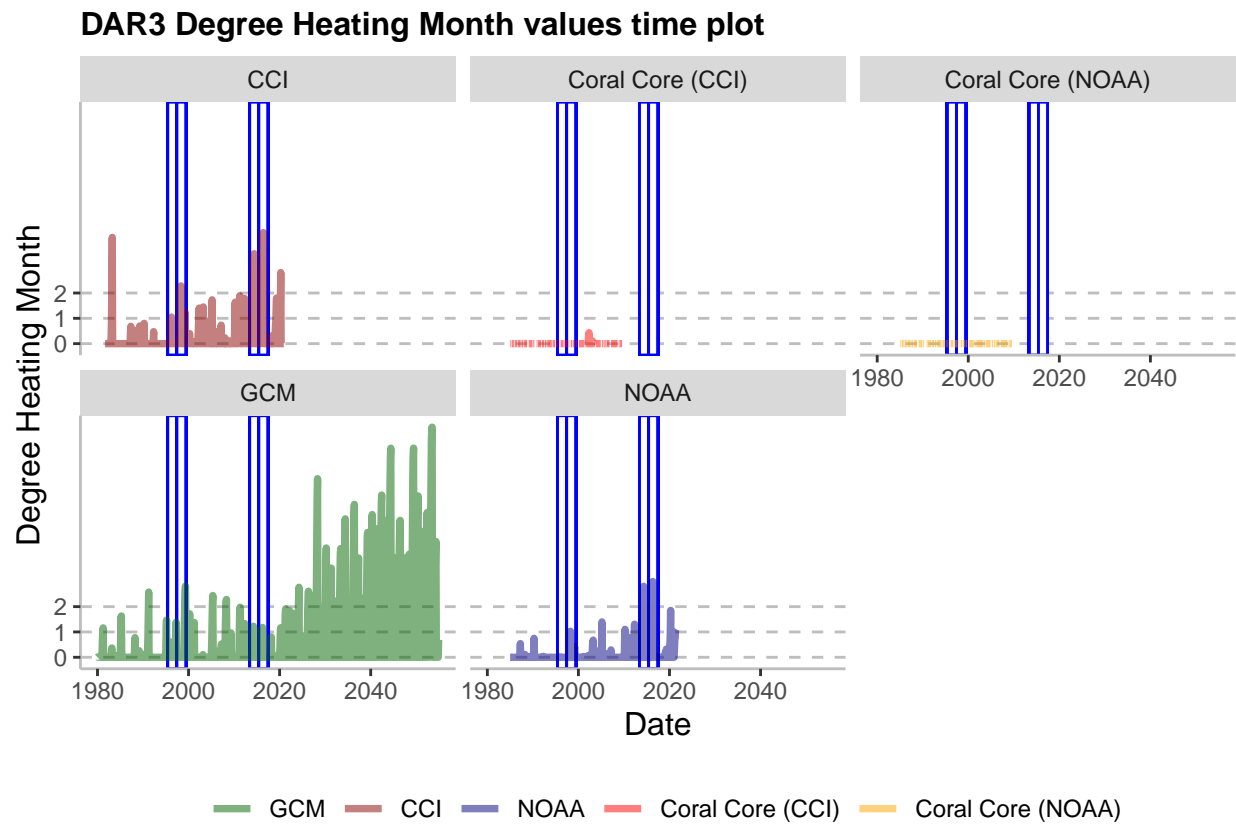




# BRS07 Degree Heating Months Time Series

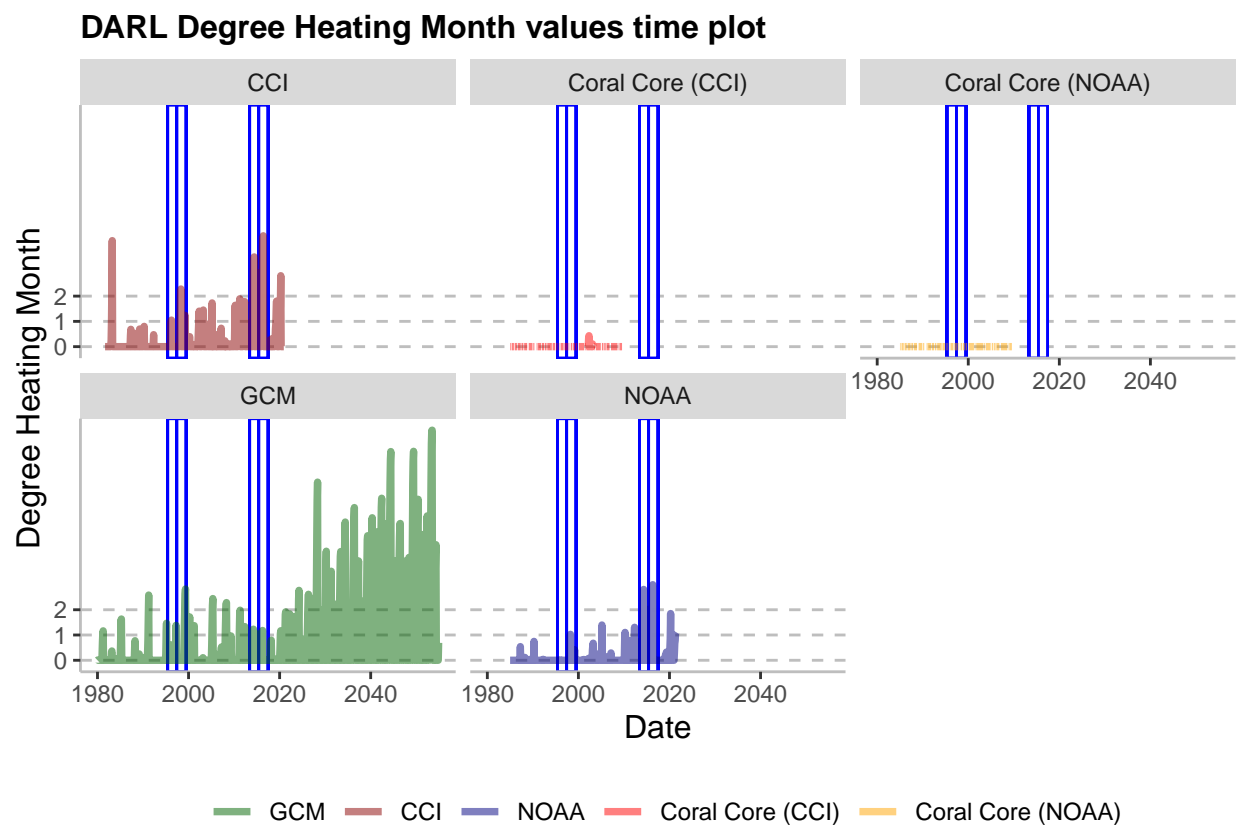
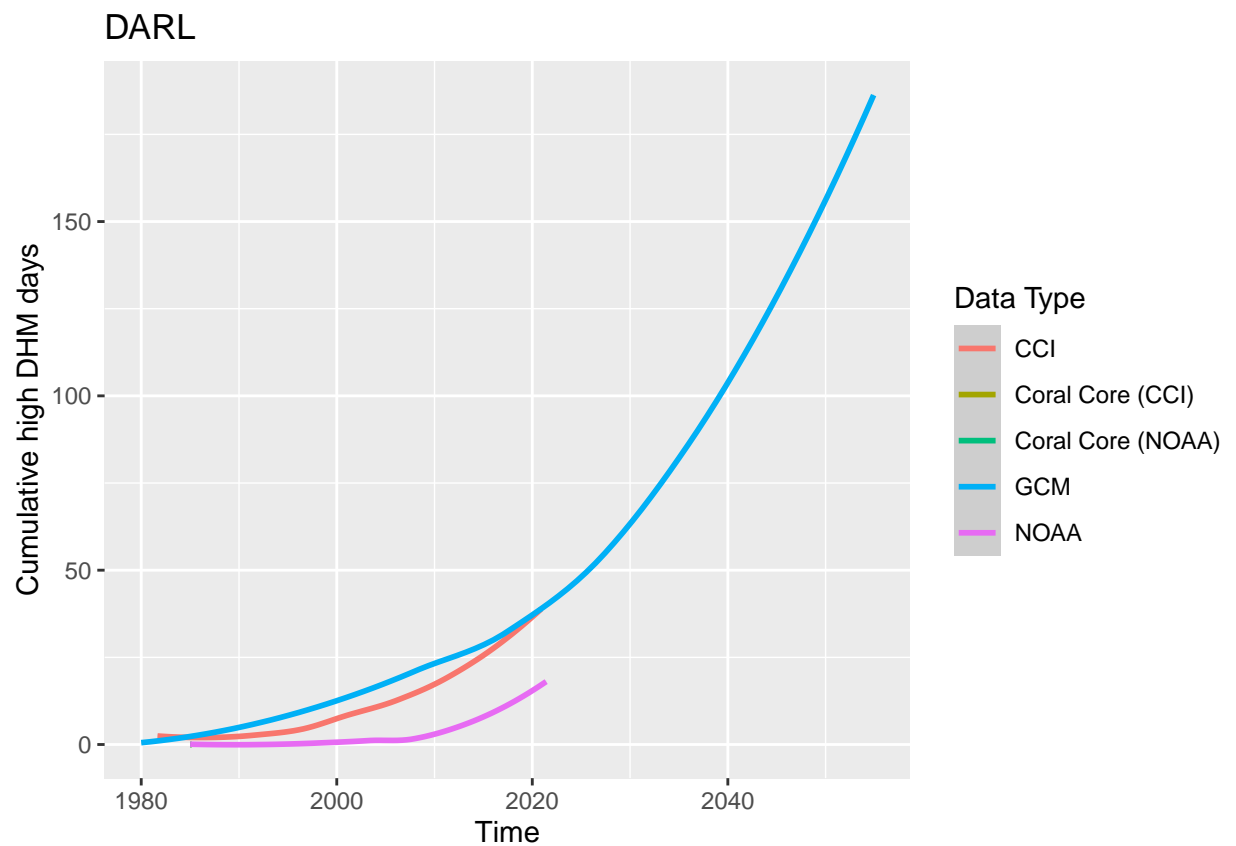


## DAR3 Degree Heating Months Time Series



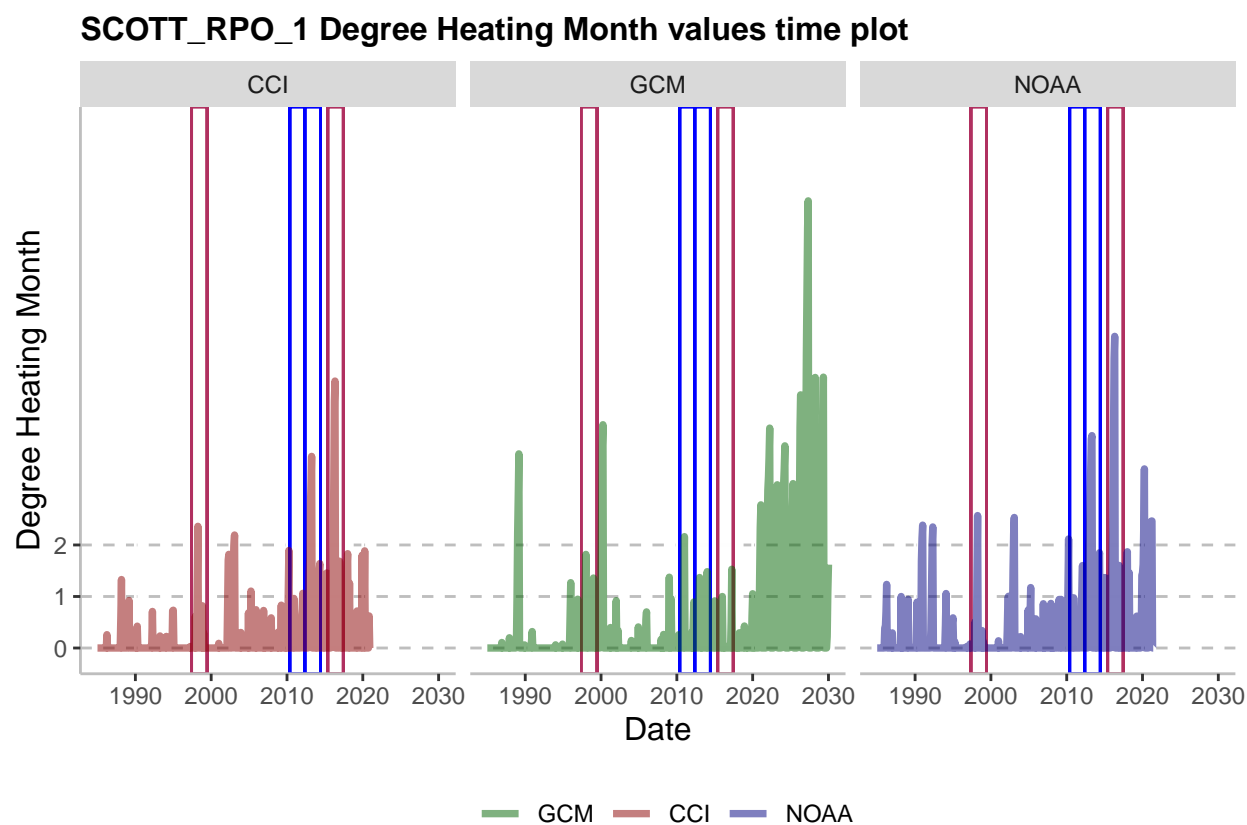
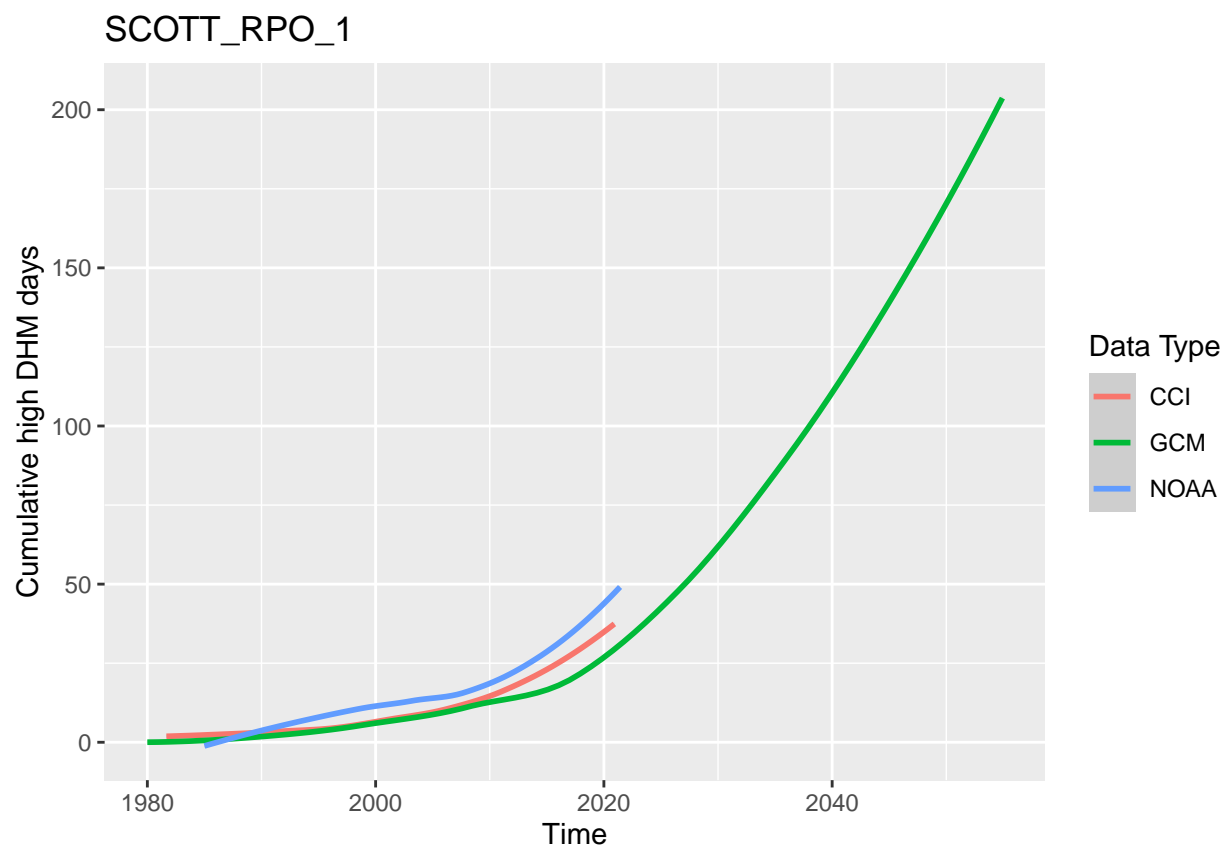


# DAR Long Degree Heating Months Time Series





SCOTT\_RPO\_1 Degree Heating Months Time Series



## SCOTT\_SL4 Degree Heating Months Time Series

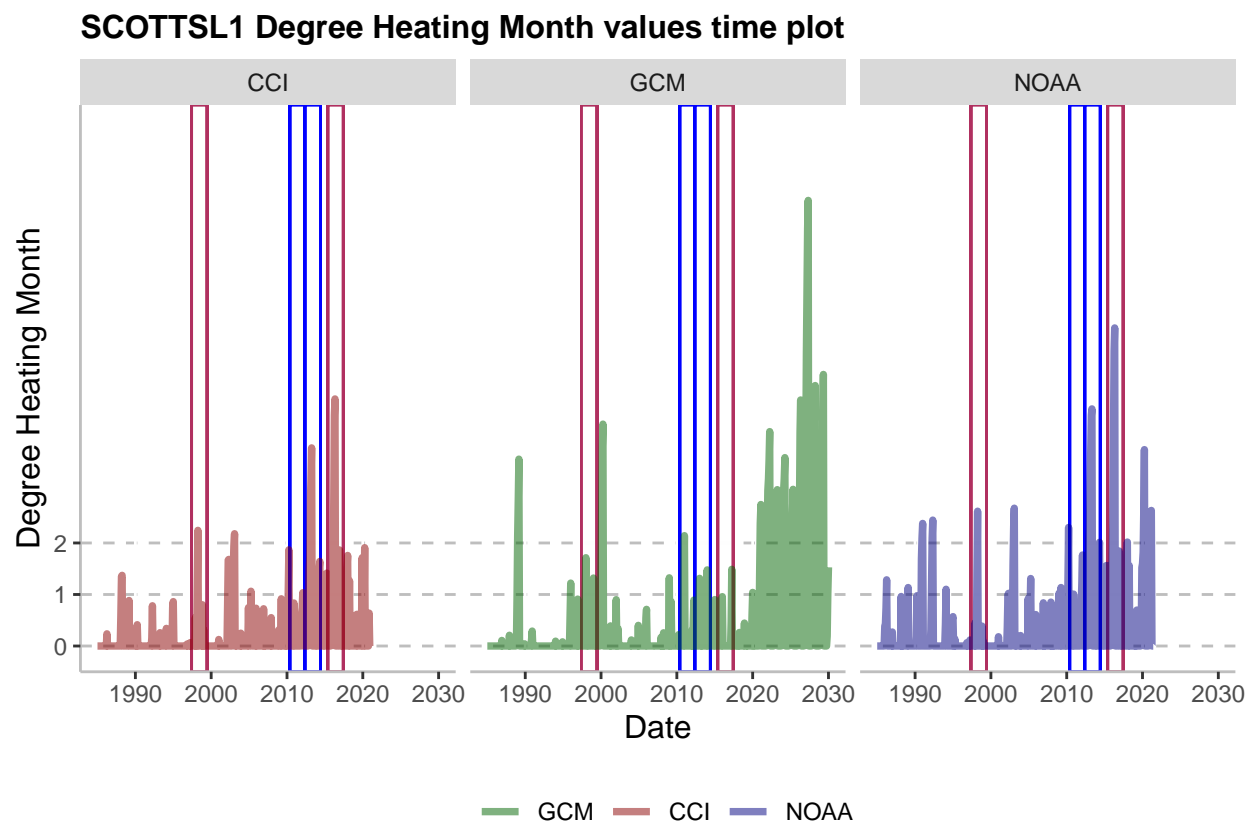
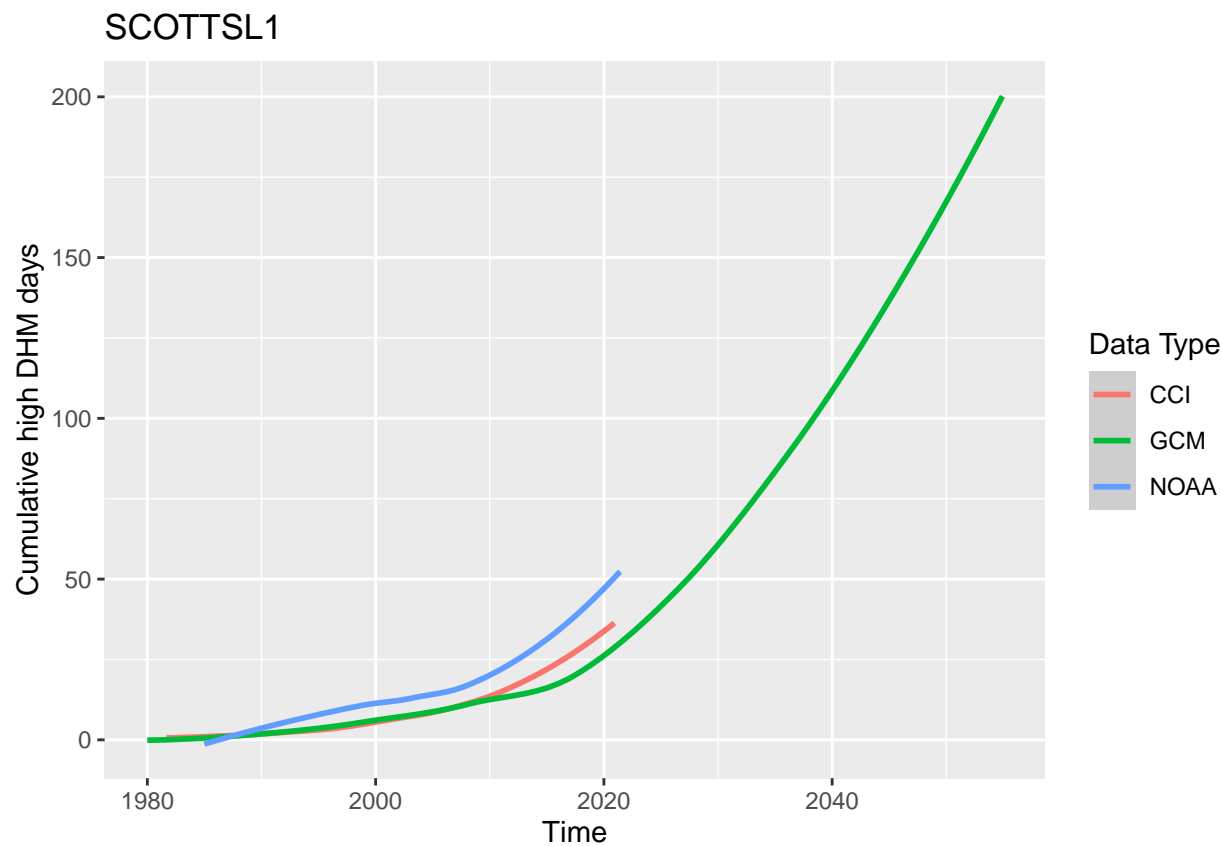
## SCOTT\_SS3 Degree Heating Months Time Series



## SCOTTNR1 Degree Heating Months Time Series



# SCOTTSL1 Degree Heating Months Time Series



## SCOTTSL2 Degree Heating Months Time Series

## SCOTTSL3 Degree Heating Months Time Series

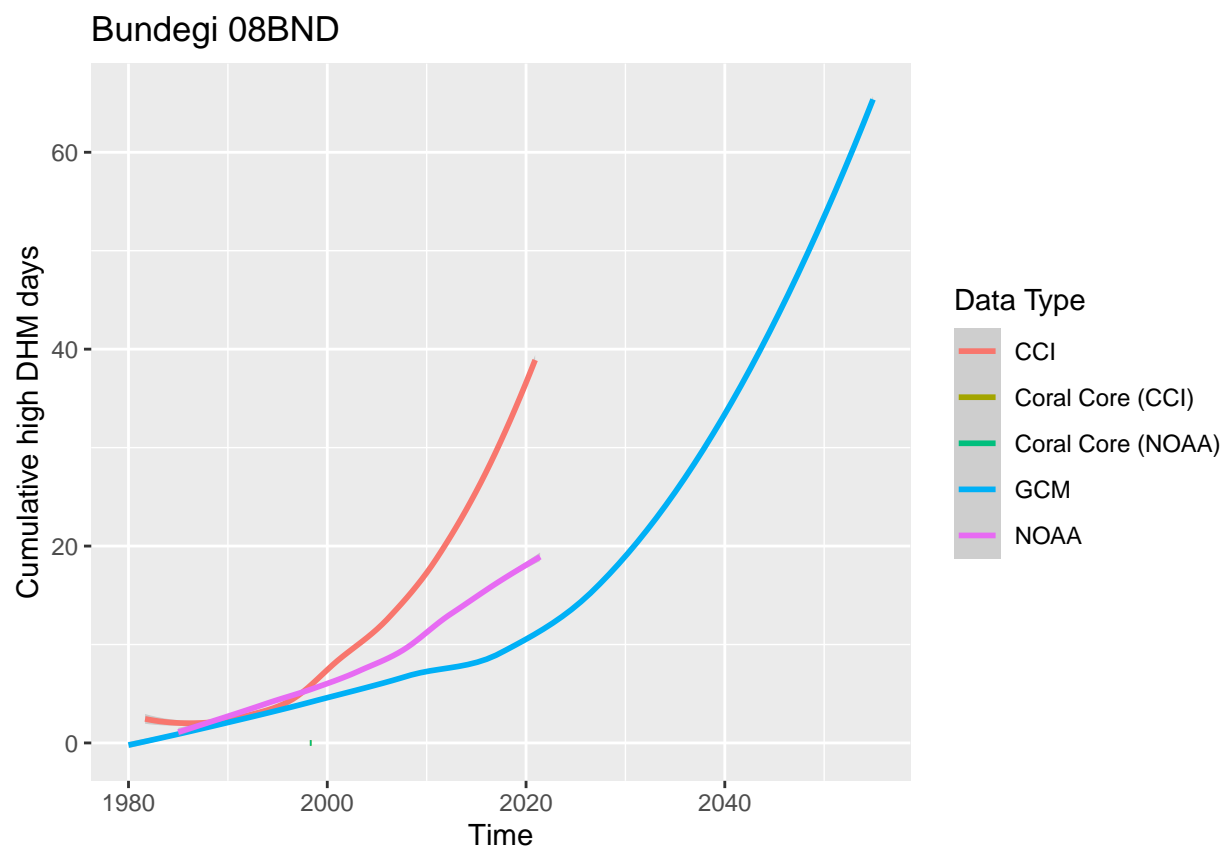
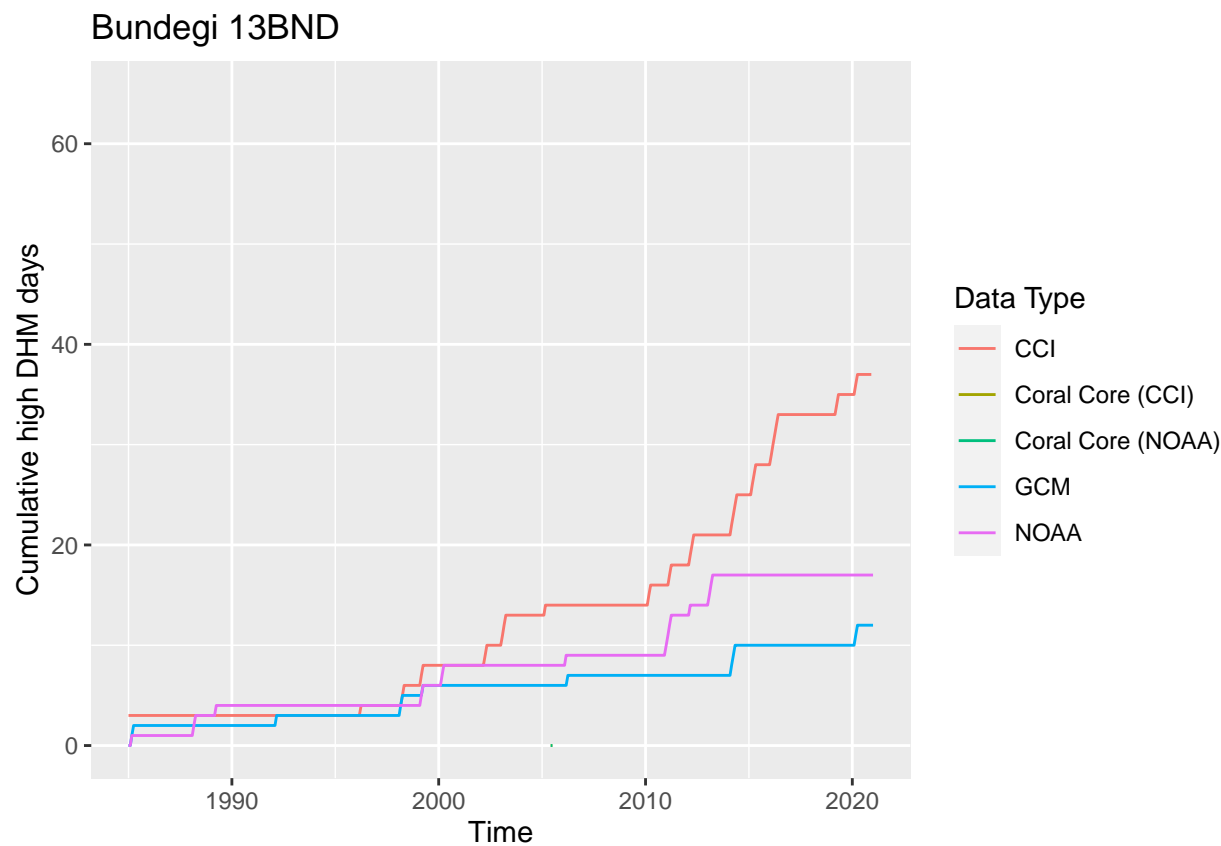
## SCOTTSS1 Degree Heating Months Time Series

## SCOTTSS2 Degree Heating Months Time Series



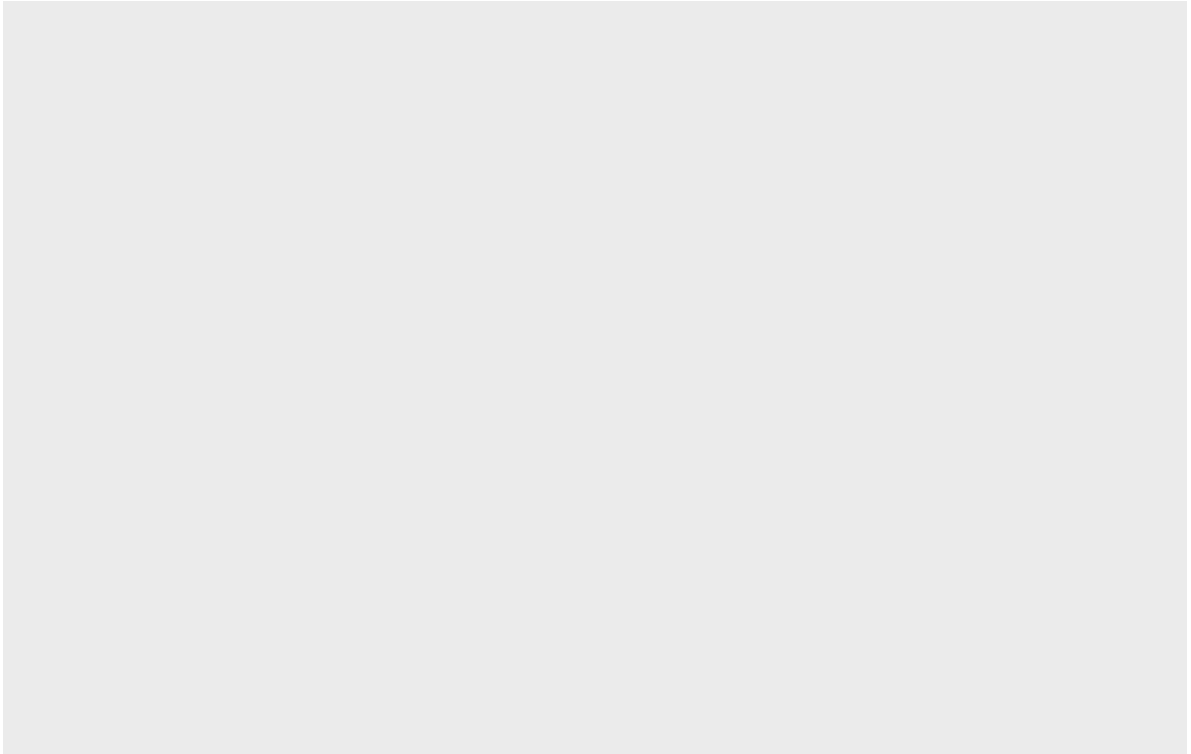


# Bundegi Degree Heating Months Time Series



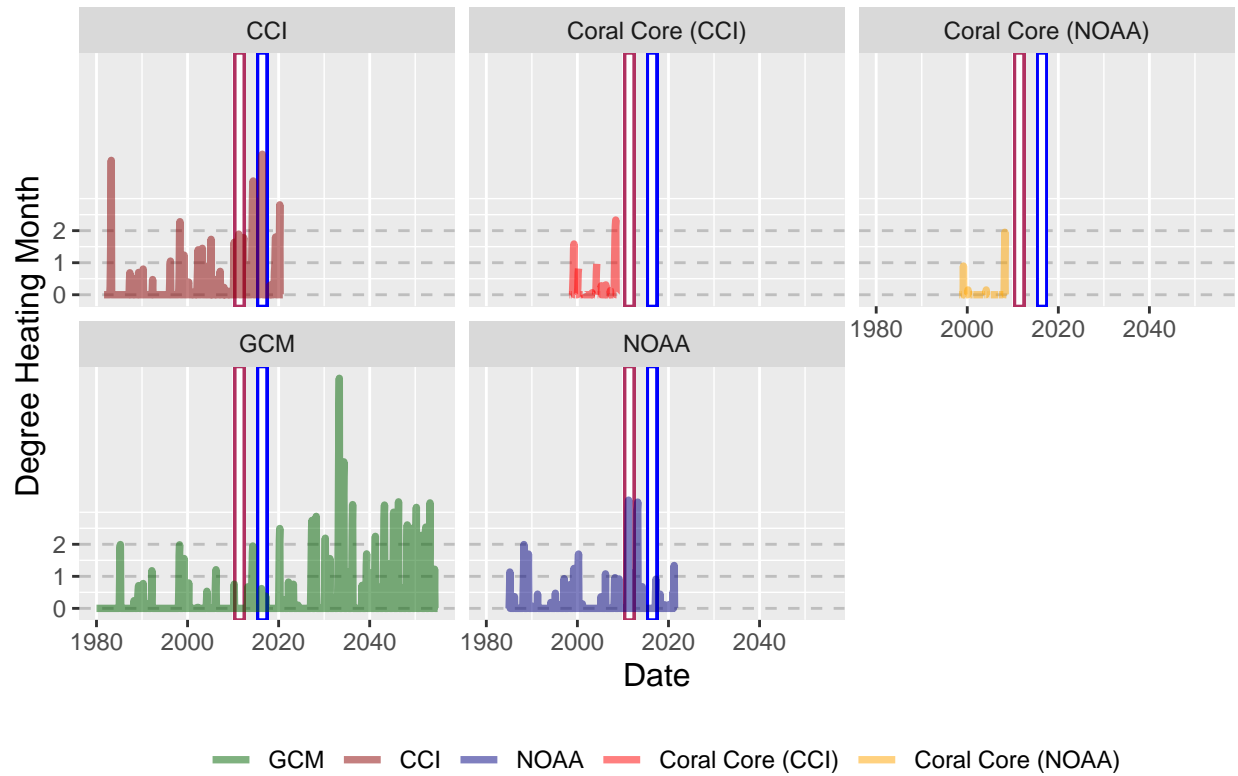
Bundegi 13BND

Cumulative high DHM days

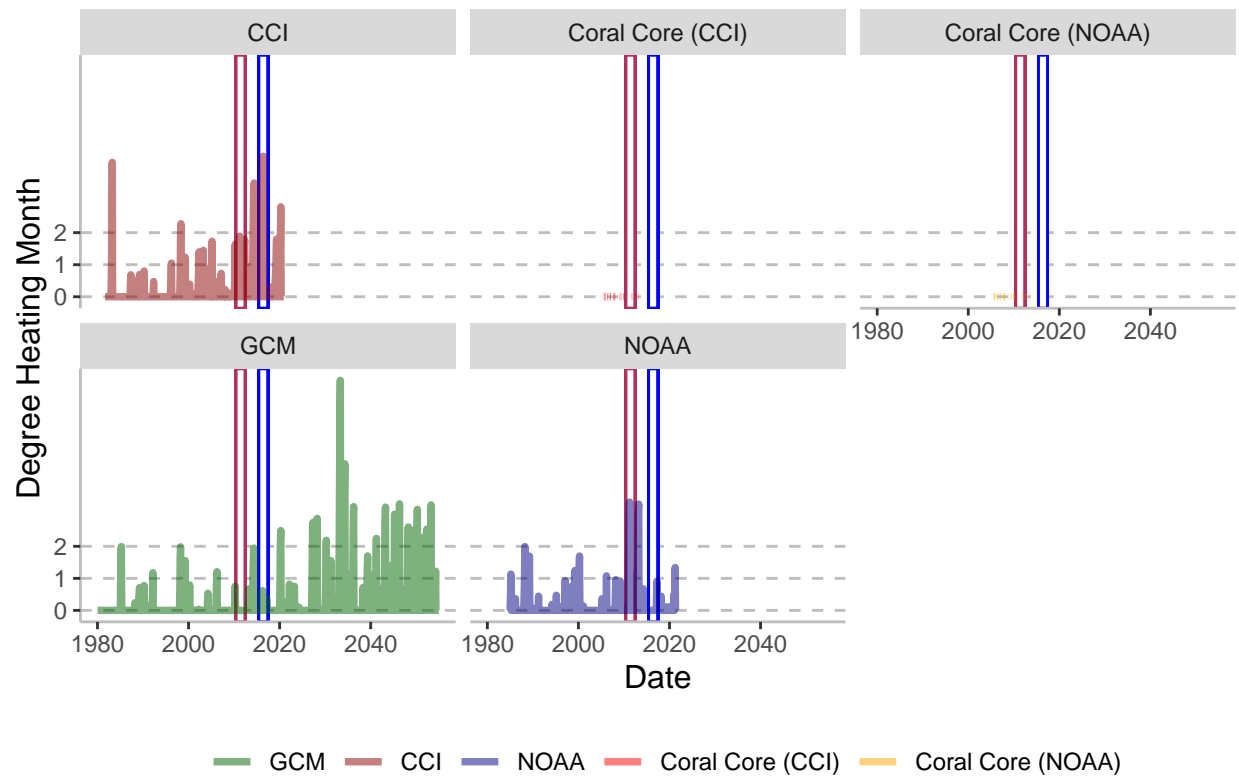


Time

08BND Degree Heating Month values time plot



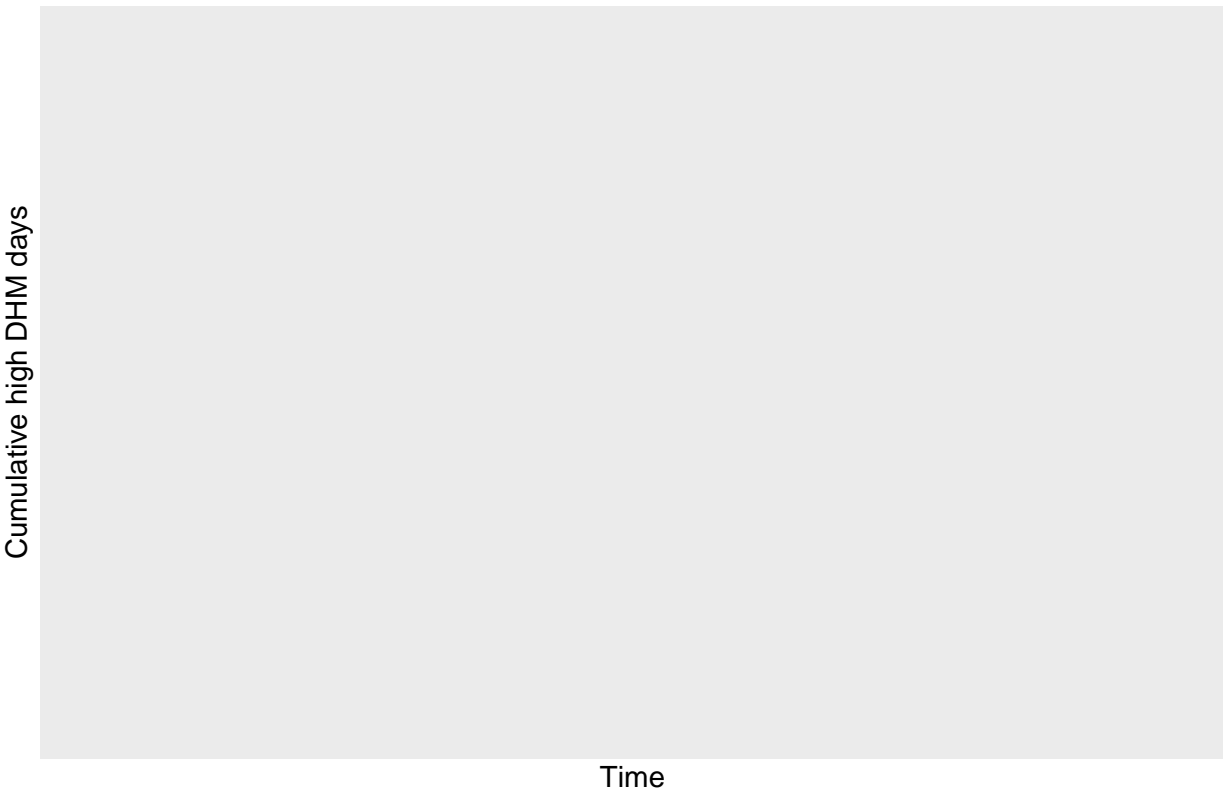
13BND Degree Heating Month values time plot



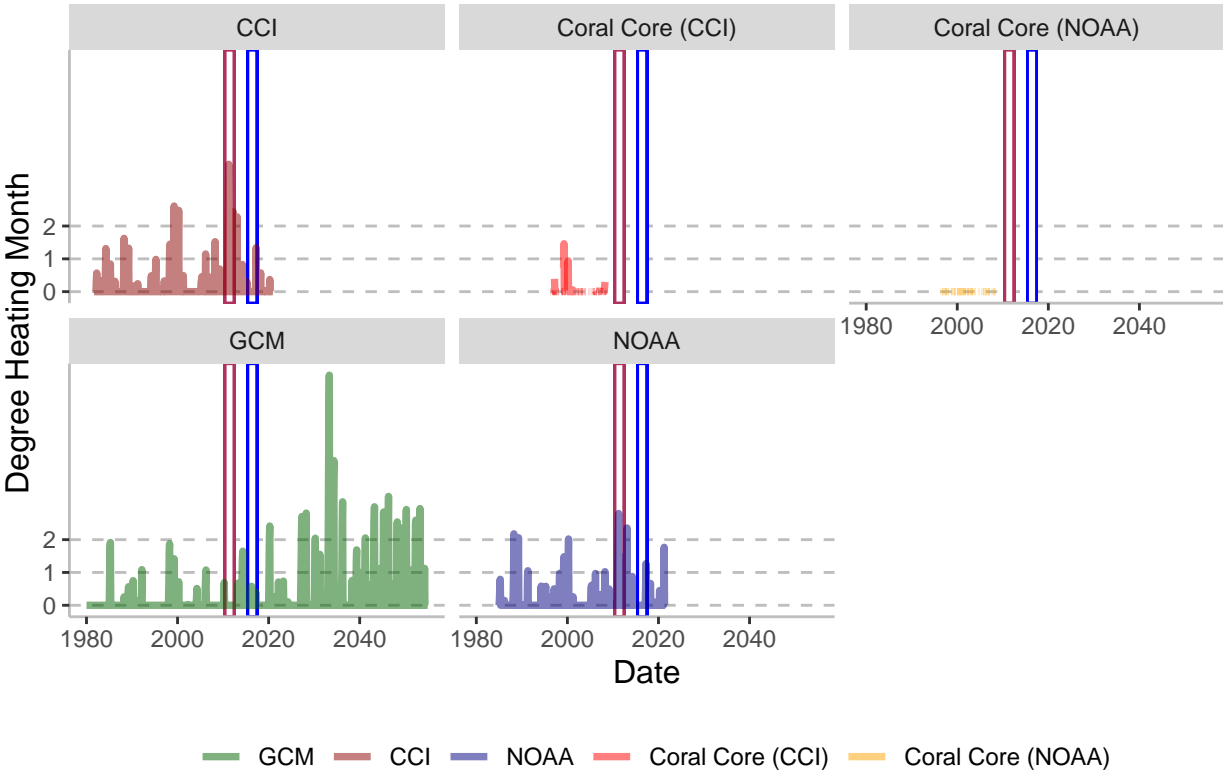


# Tantabiddi 08TNT Degree Heating Months Time Series

Tantabiddi 08TNT

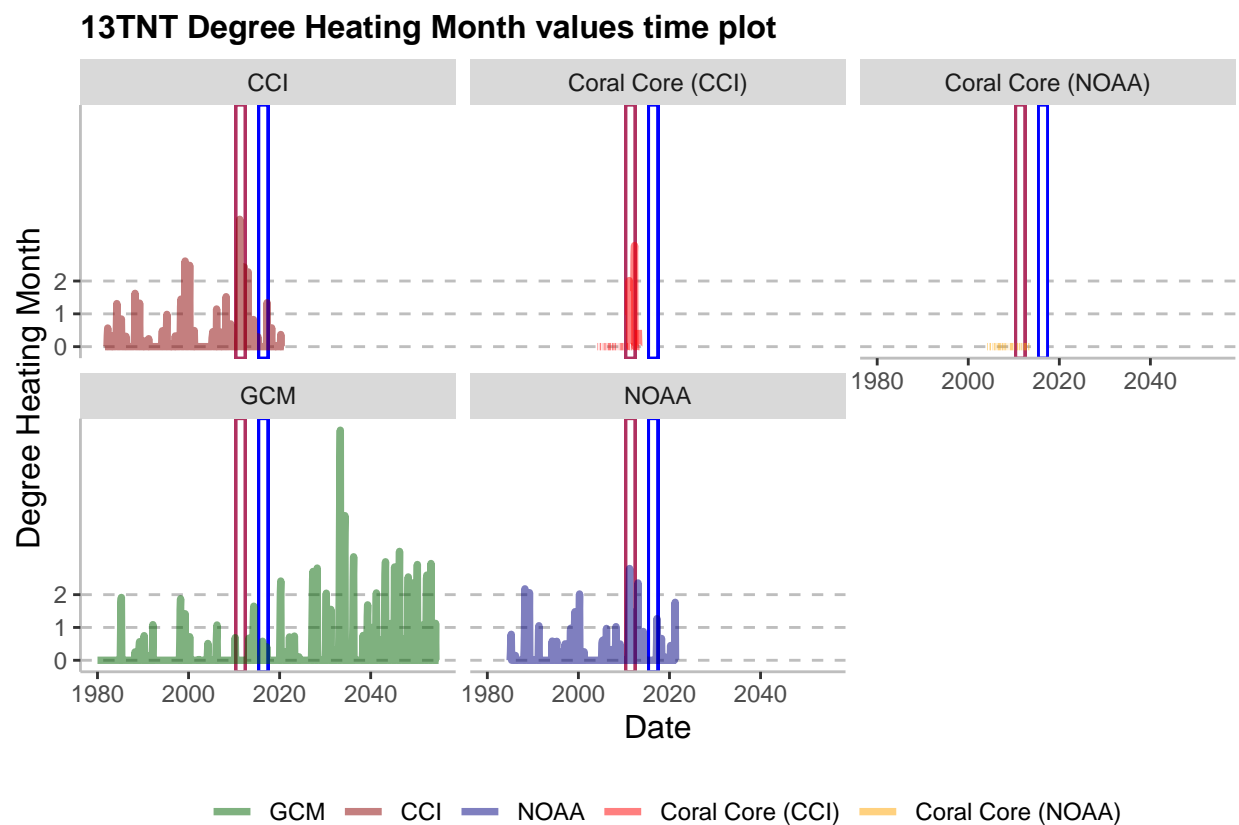
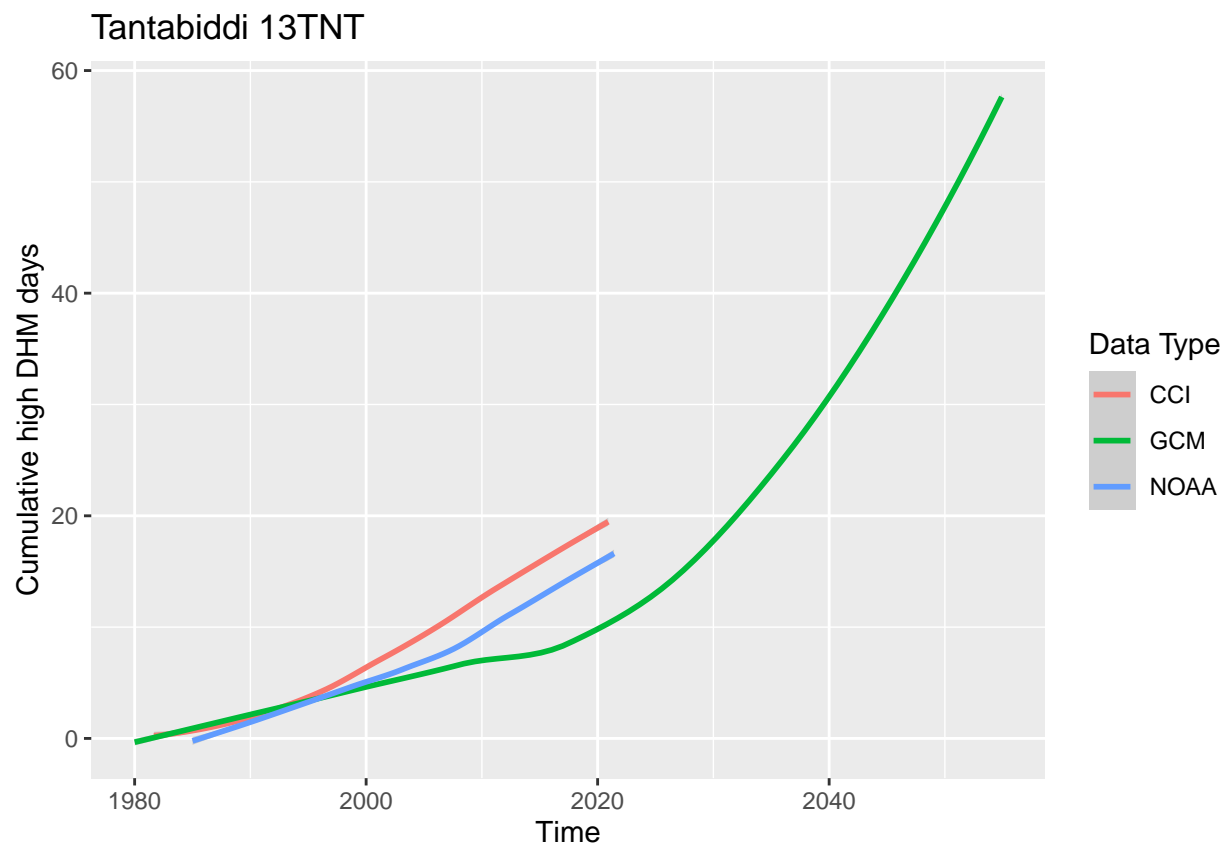


08TNT Degree Heating Month values time plot





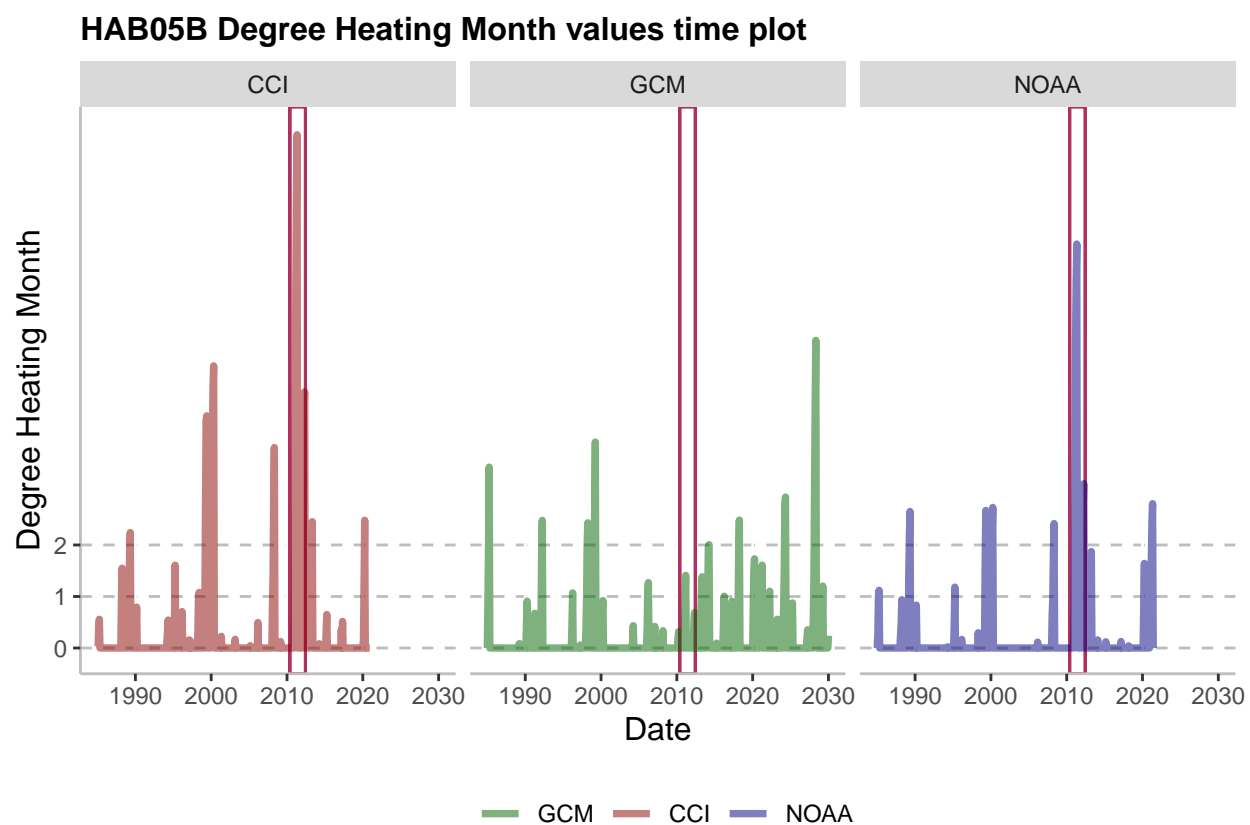
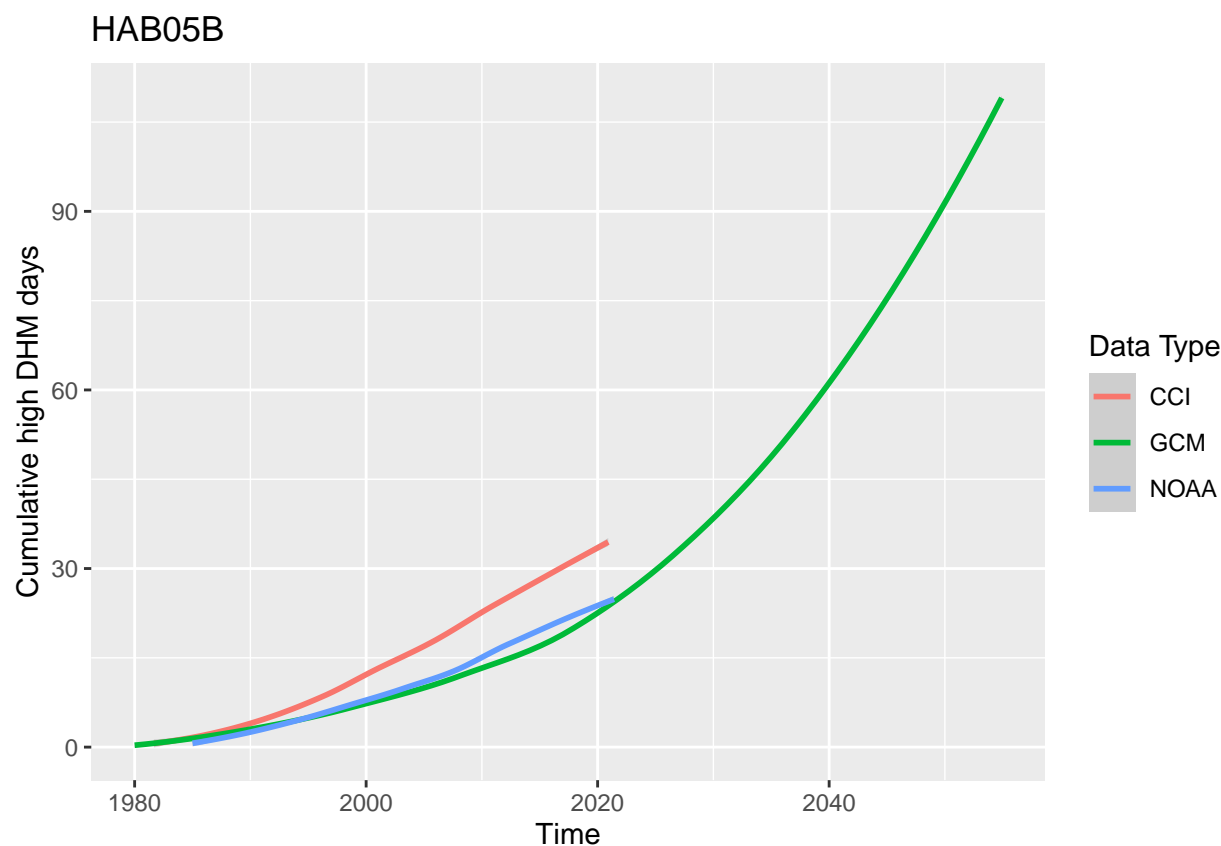
# Tantabiddi 13TNT Degree Heating Months Time Series





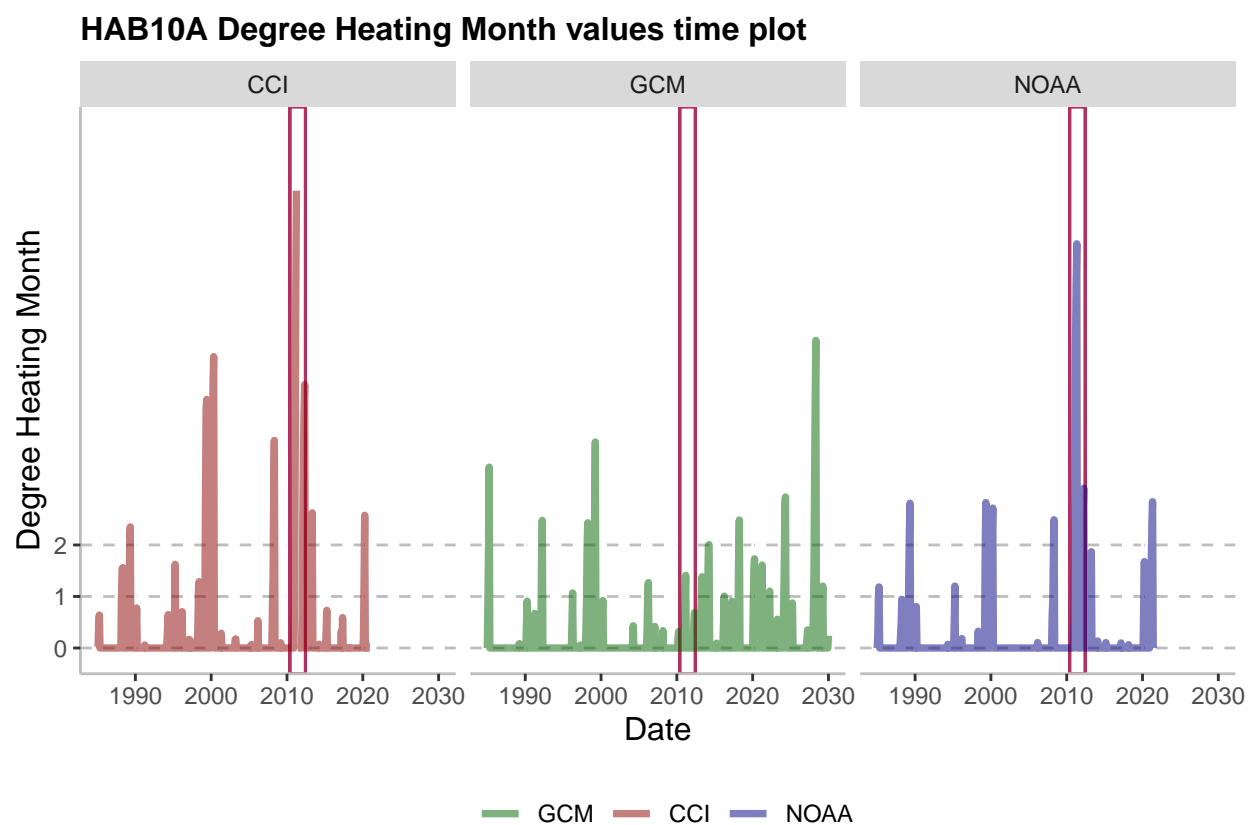
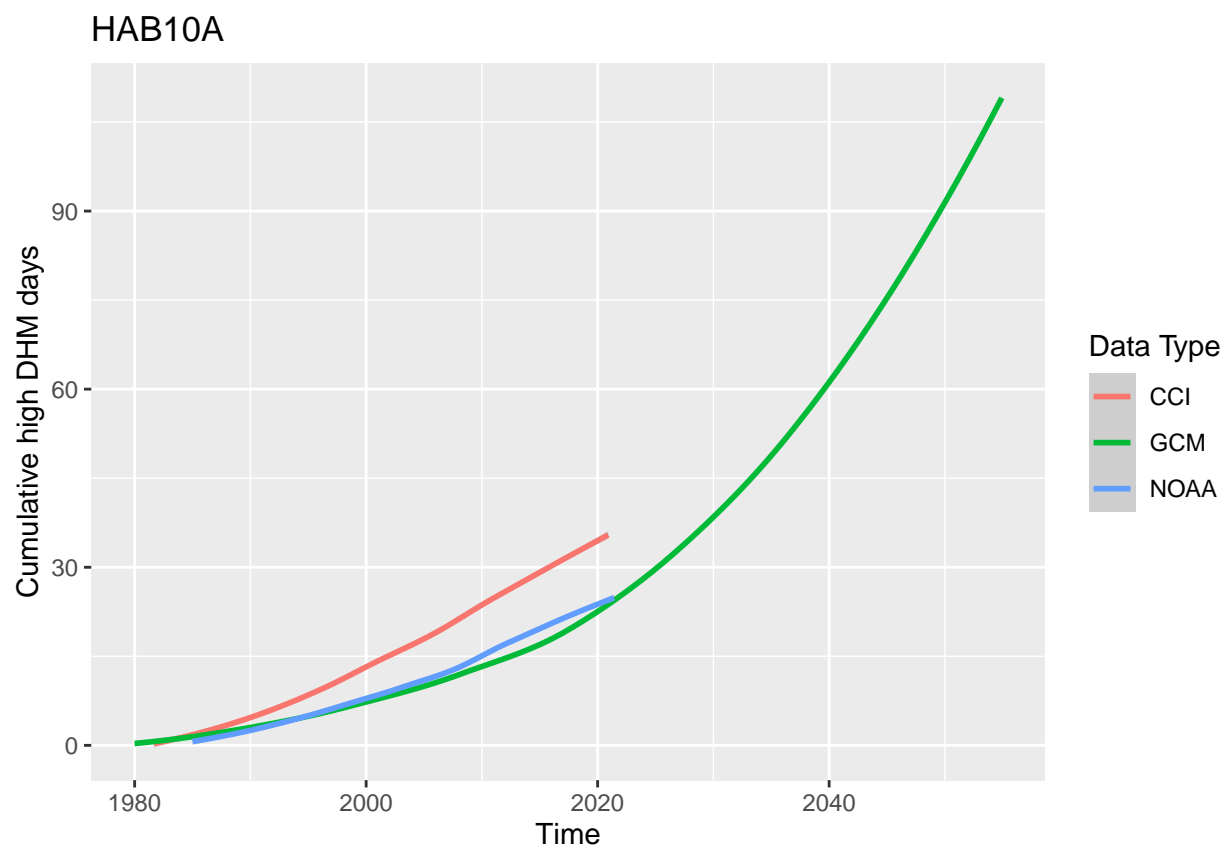


# Houtman Abrolhos HAB05B Degree Heating Months Time Series





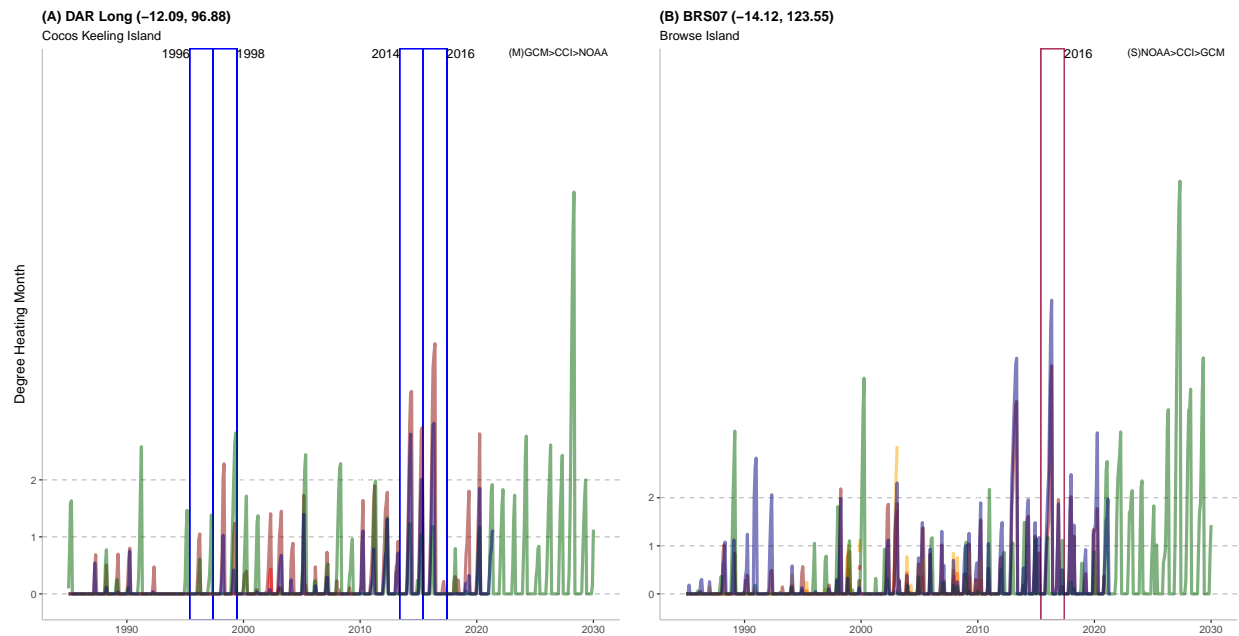
# Houtman Abrolhos HAB10A Degree Heating Months Time Series



## Combined Plots with Coral Core Data

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```
## Warning: Removed 399 row(s) containing missing values (geom_path).
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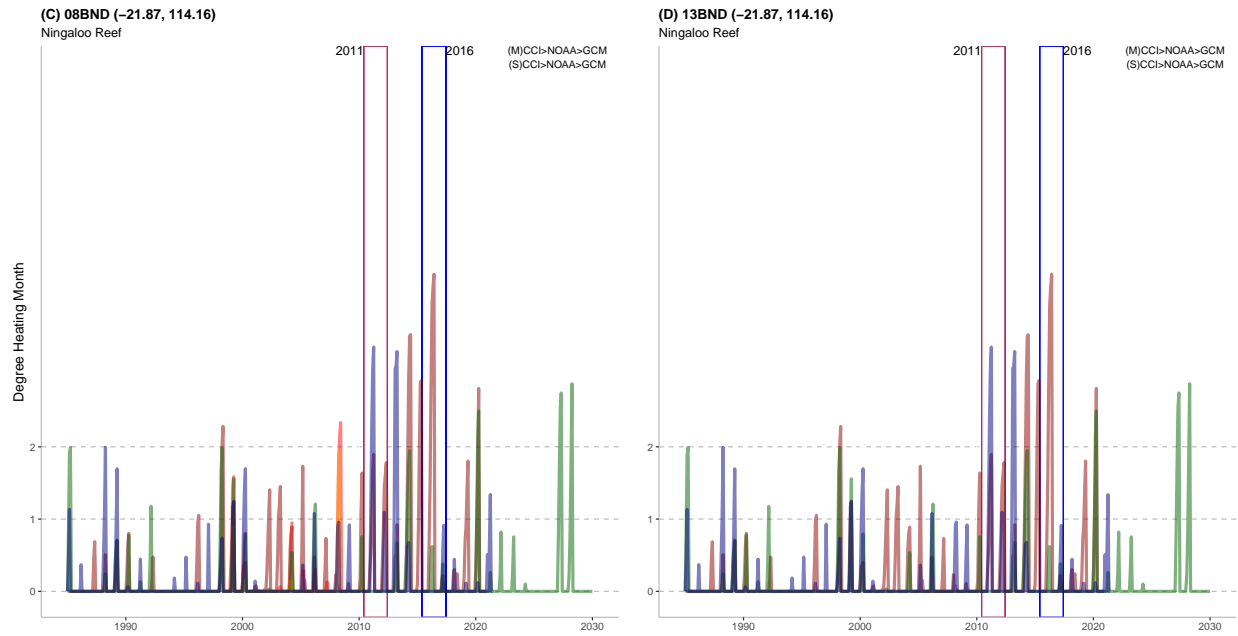
```
## Saving 45 x 24 in image
```

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## Warning: Removed 399 row(s) containing missing values (geom_path).
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## Warning: Removed 399 row(s) containing missing values (geom_path).
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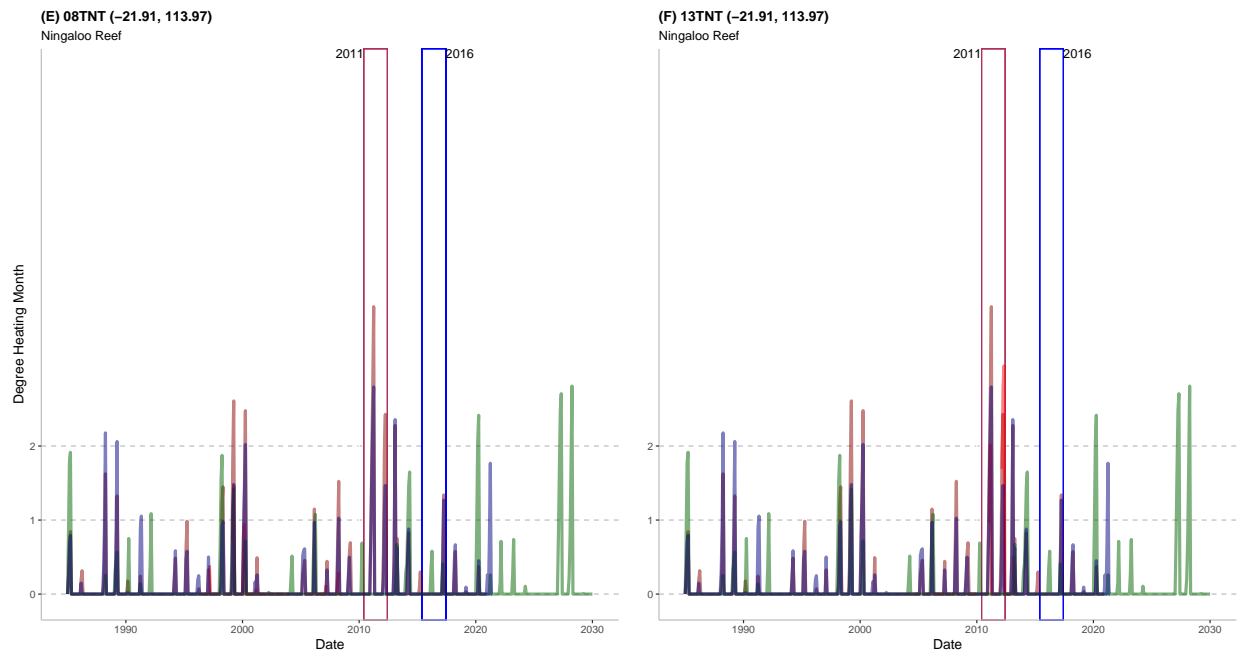
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## Warning: Removed 399 row(s) containing missing values (geom\_path).

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```
## Saving 45 x 24 in image
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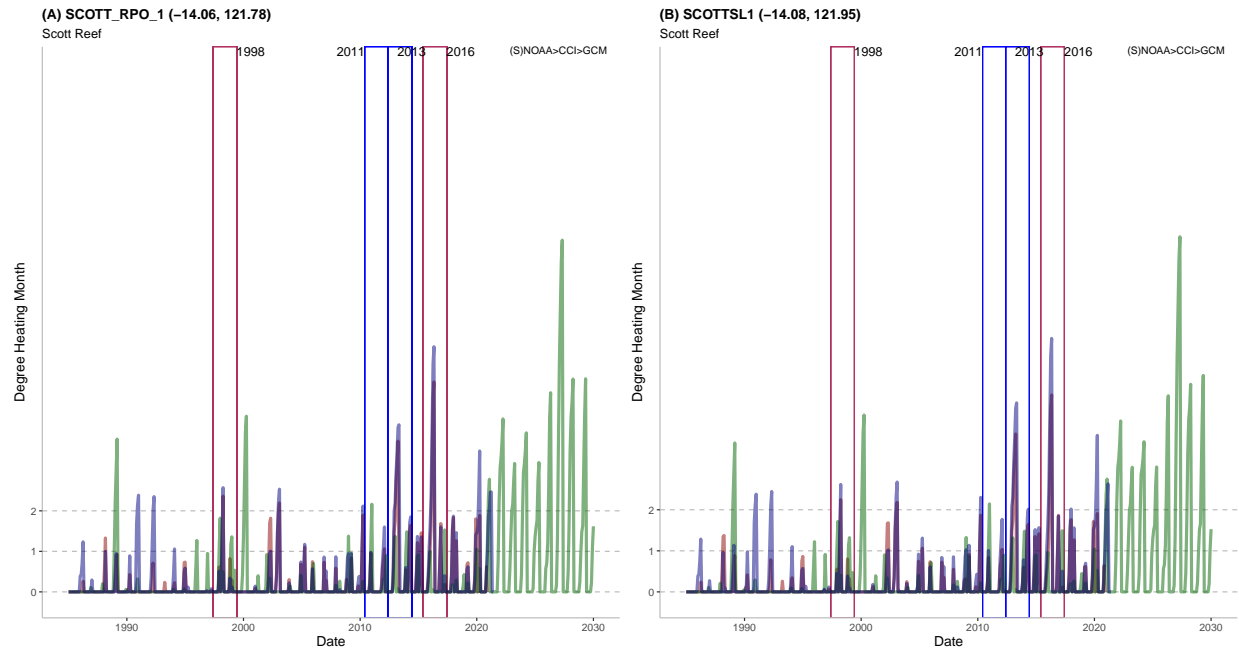
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## Combined Plots without Coral Core Data

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```
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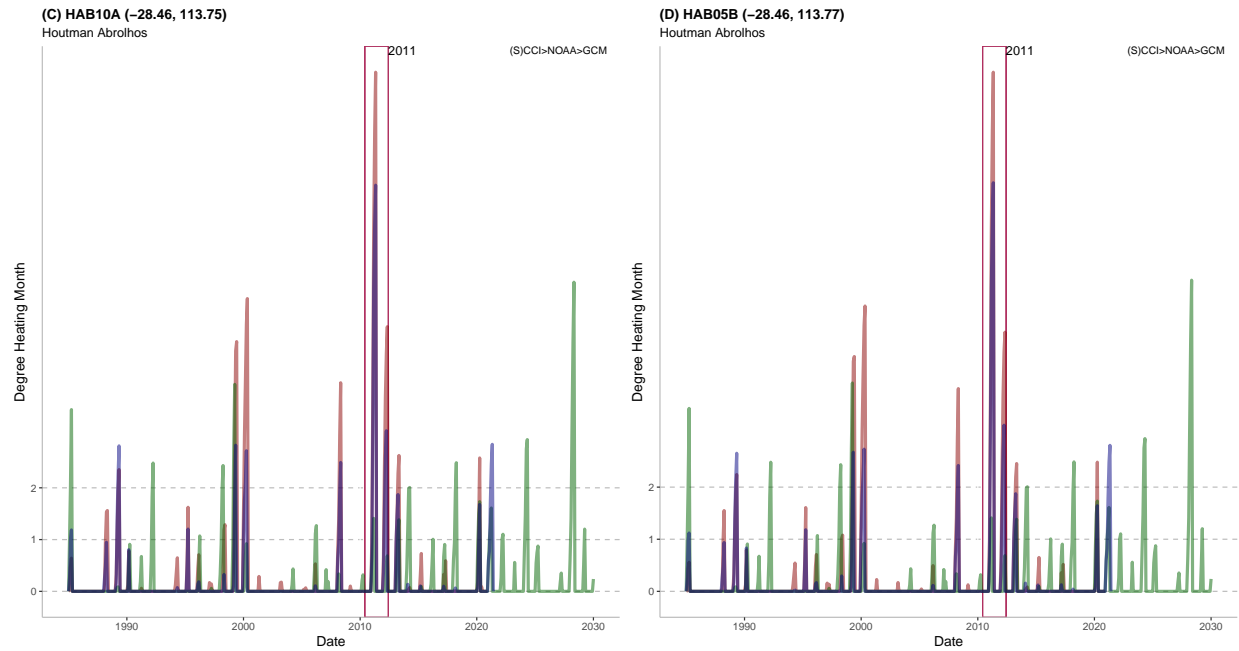
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```
## Saving 45 x 24 in image
```

```
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