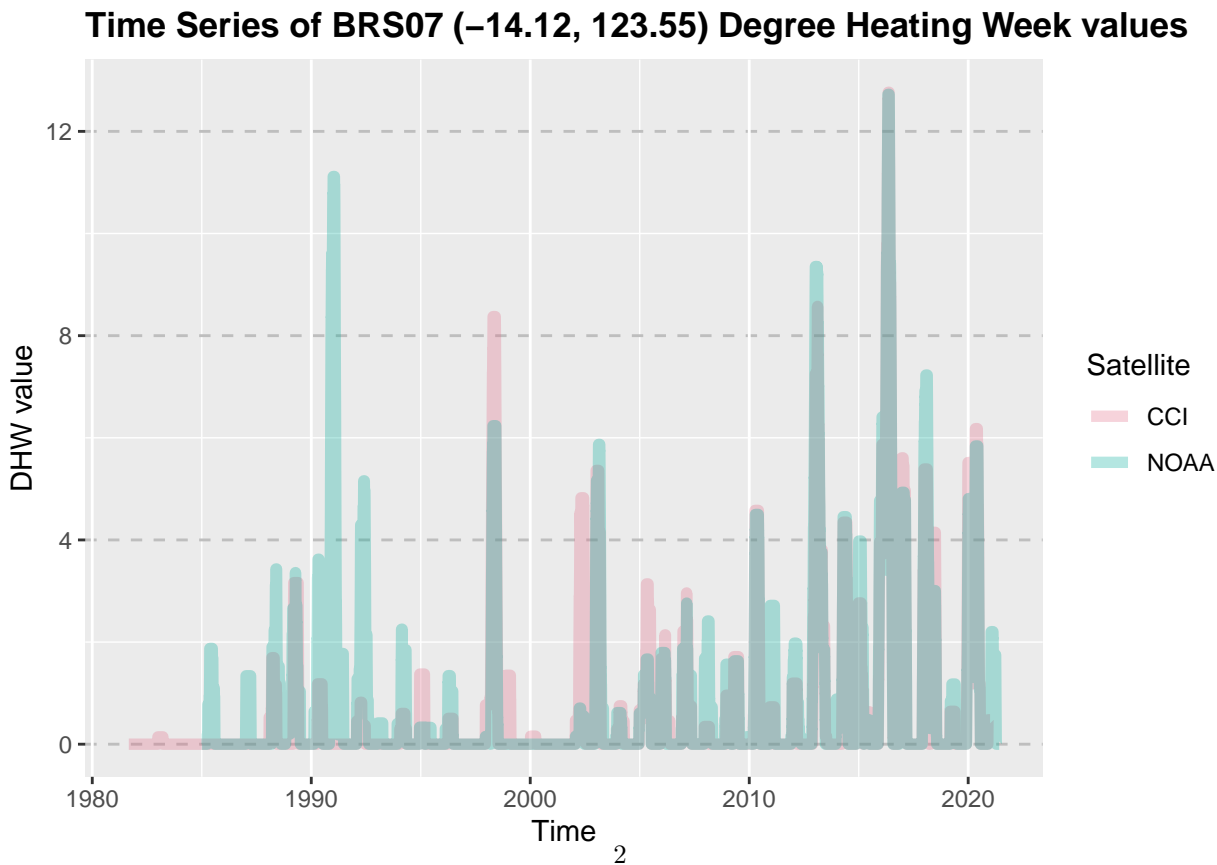
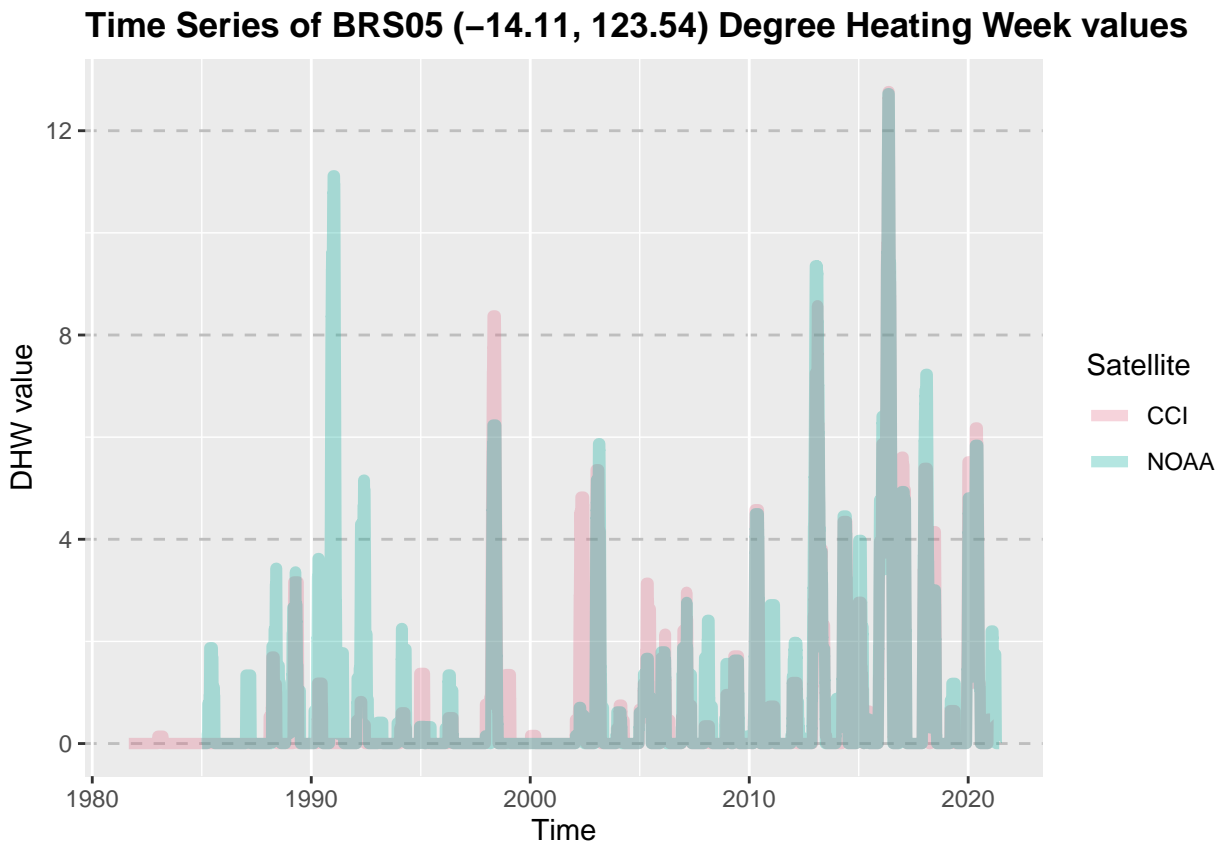


Degree Heating Week Analysis

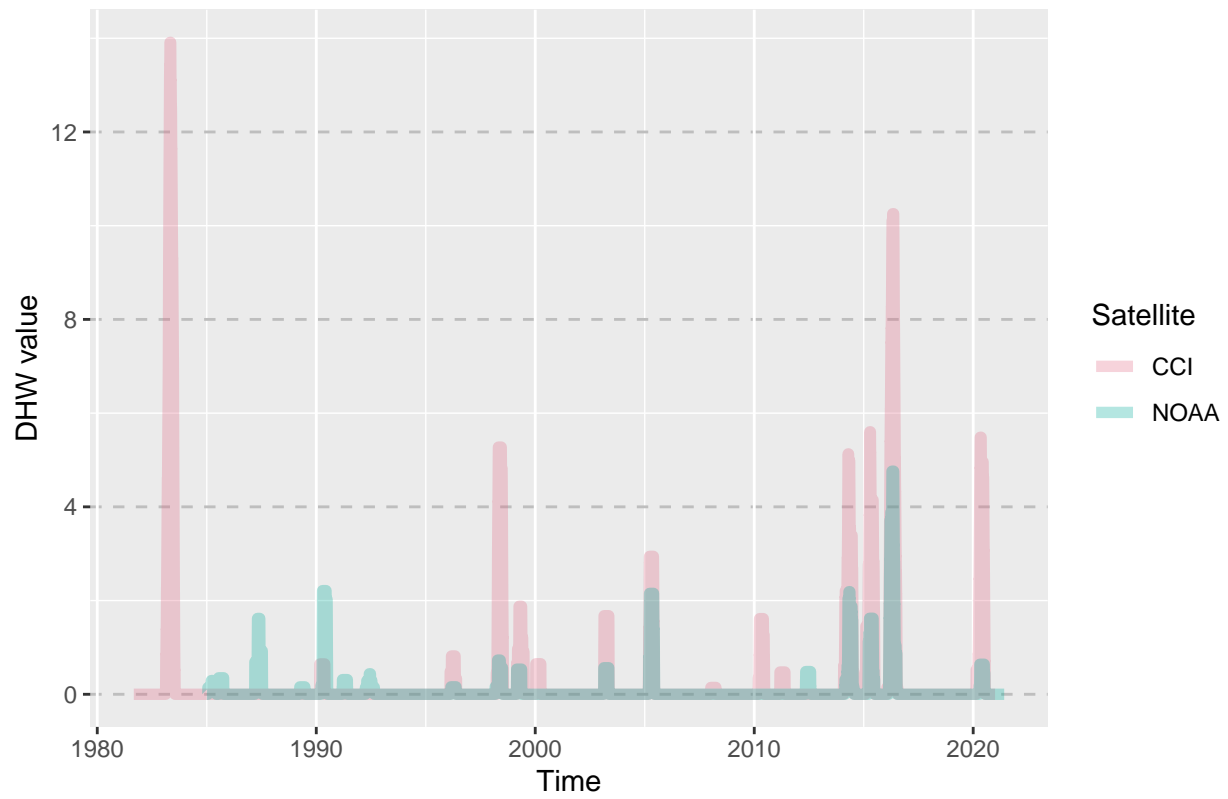
Vanessa

2021-09-28

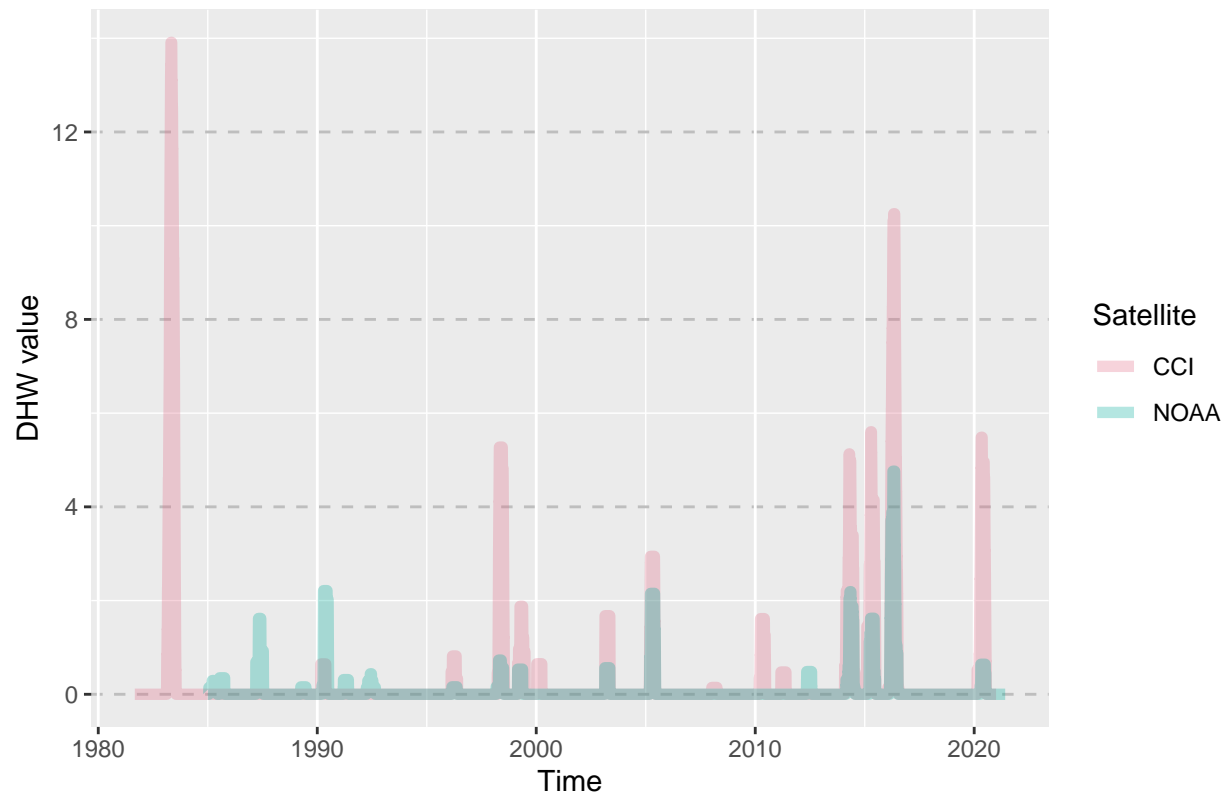
Degree Heating Week Time Series Plots for CCI and NOAA data:



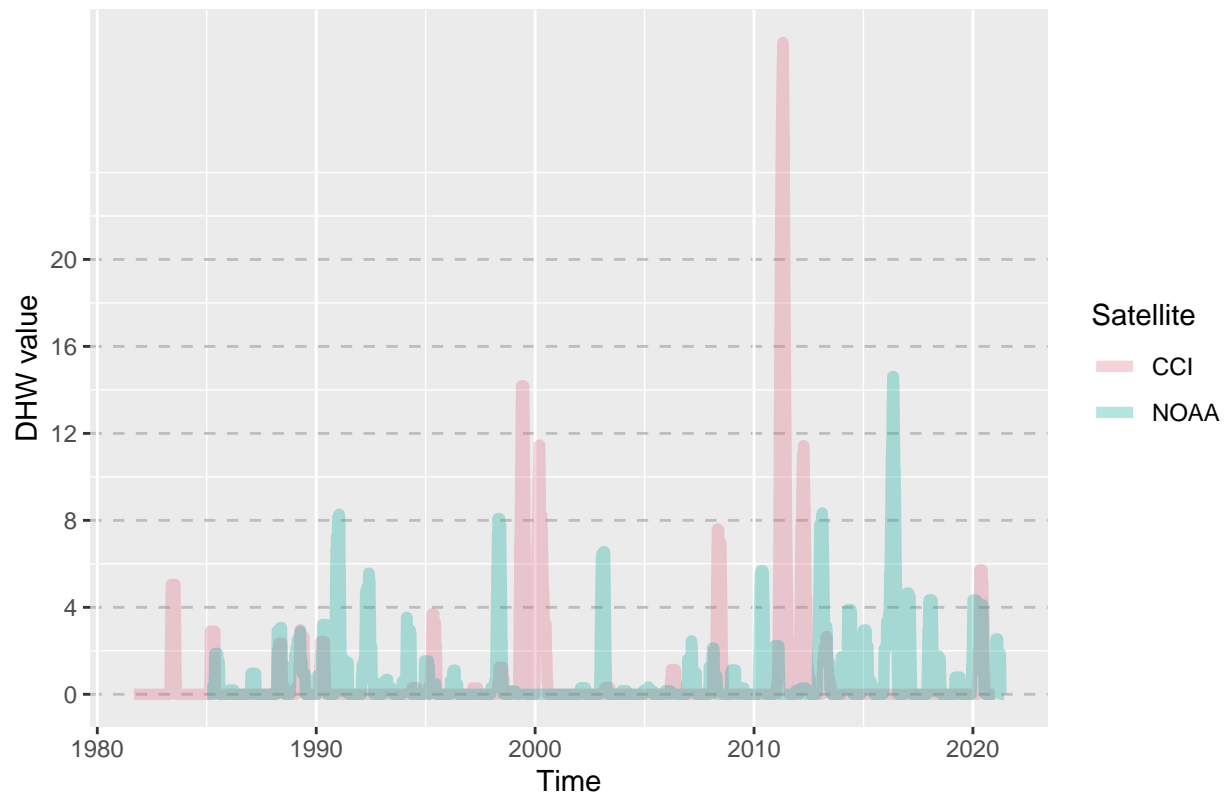
Time Series of DAR3 (–12.10, 96.88) Degree Heating Week values



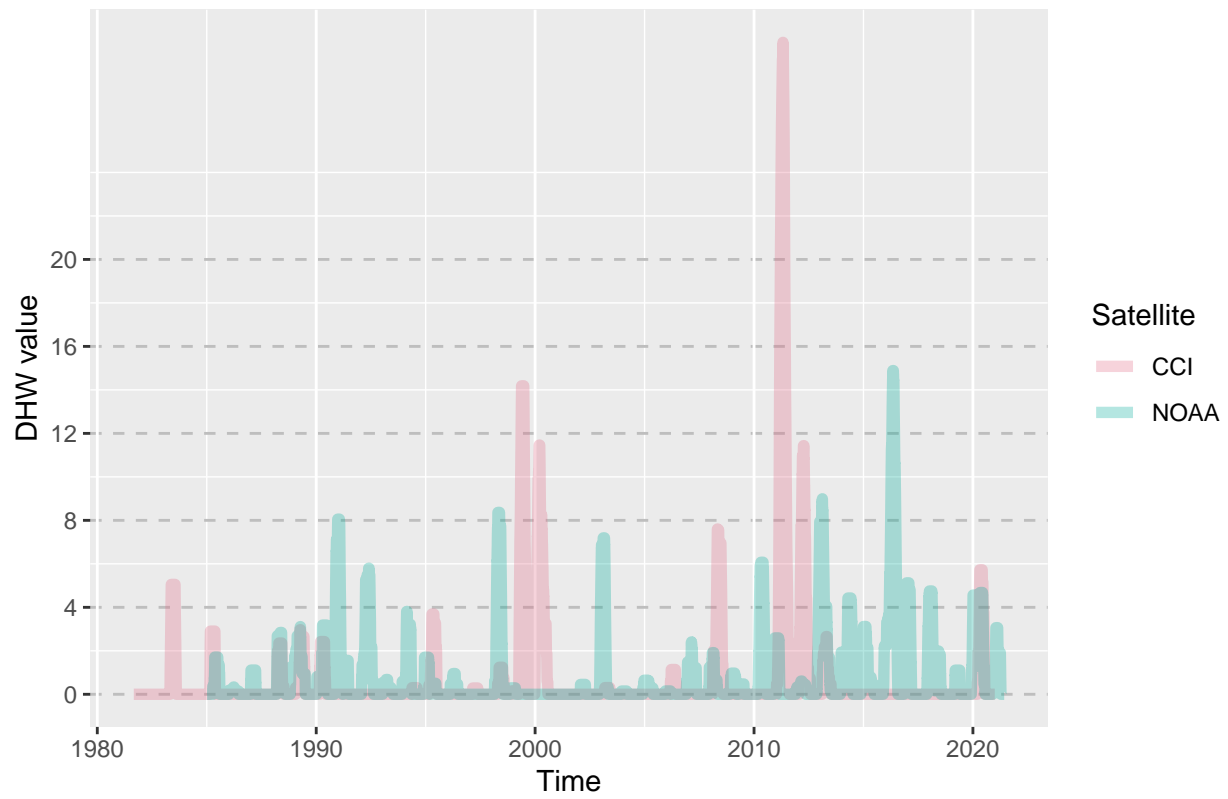
Time Series of DAR Long (–12.09, 96.88) Degree Heating Week values



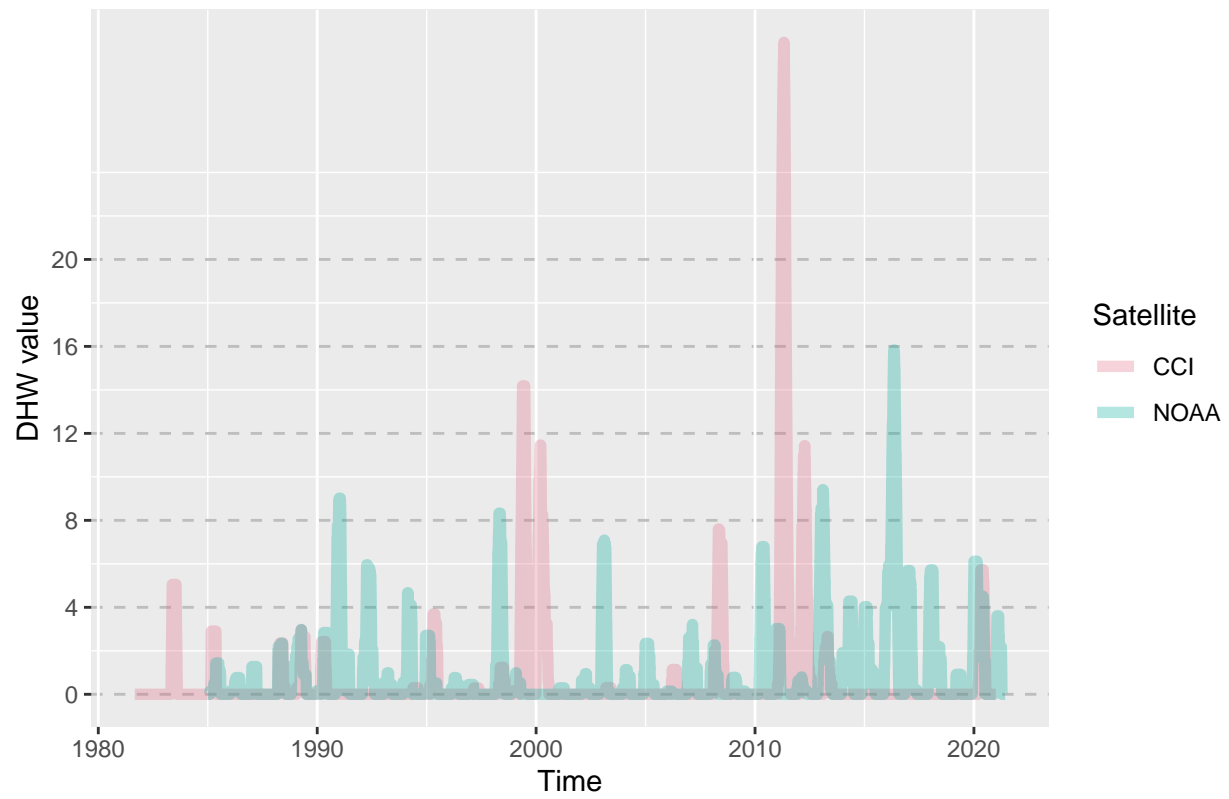
Time Series of SCOTT_RPO_1 (−14.06, 121.78) Degree Heating Week v



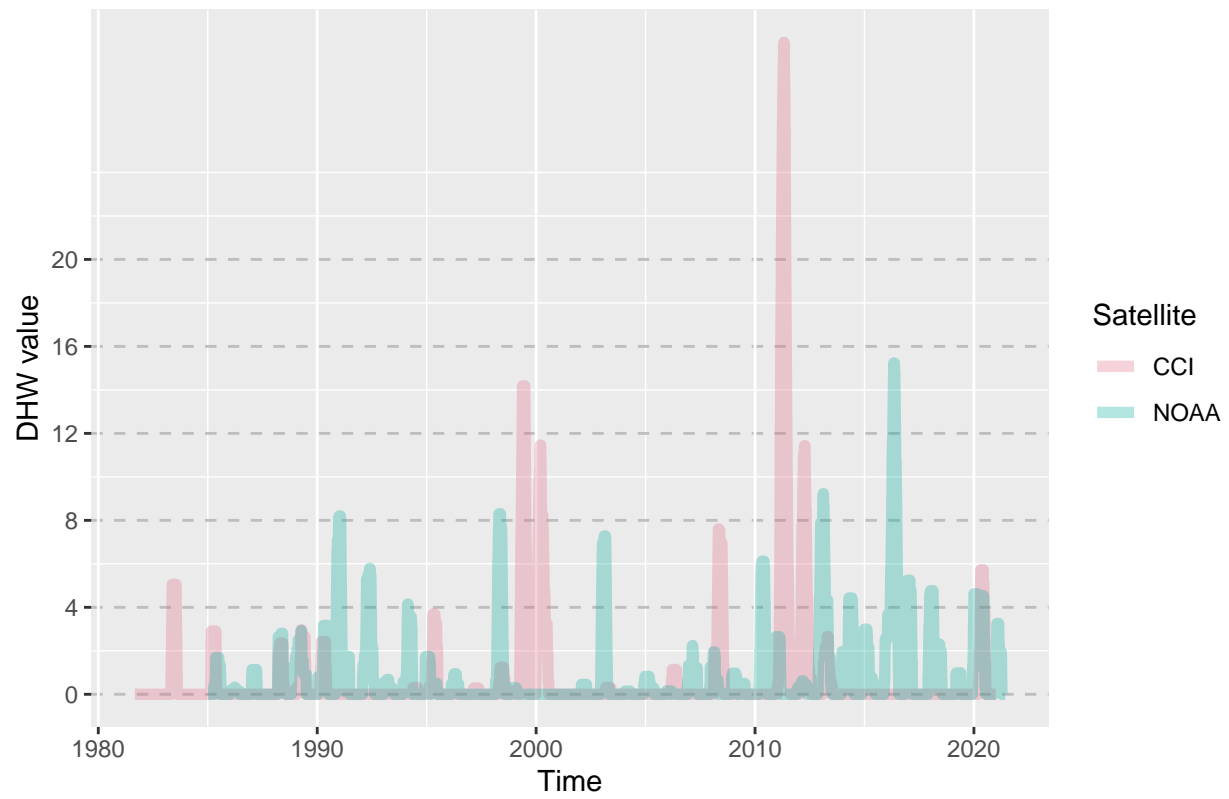
Time Series of SCOTT_SL4 (-14.02, 121.86) Degree Heating Week value



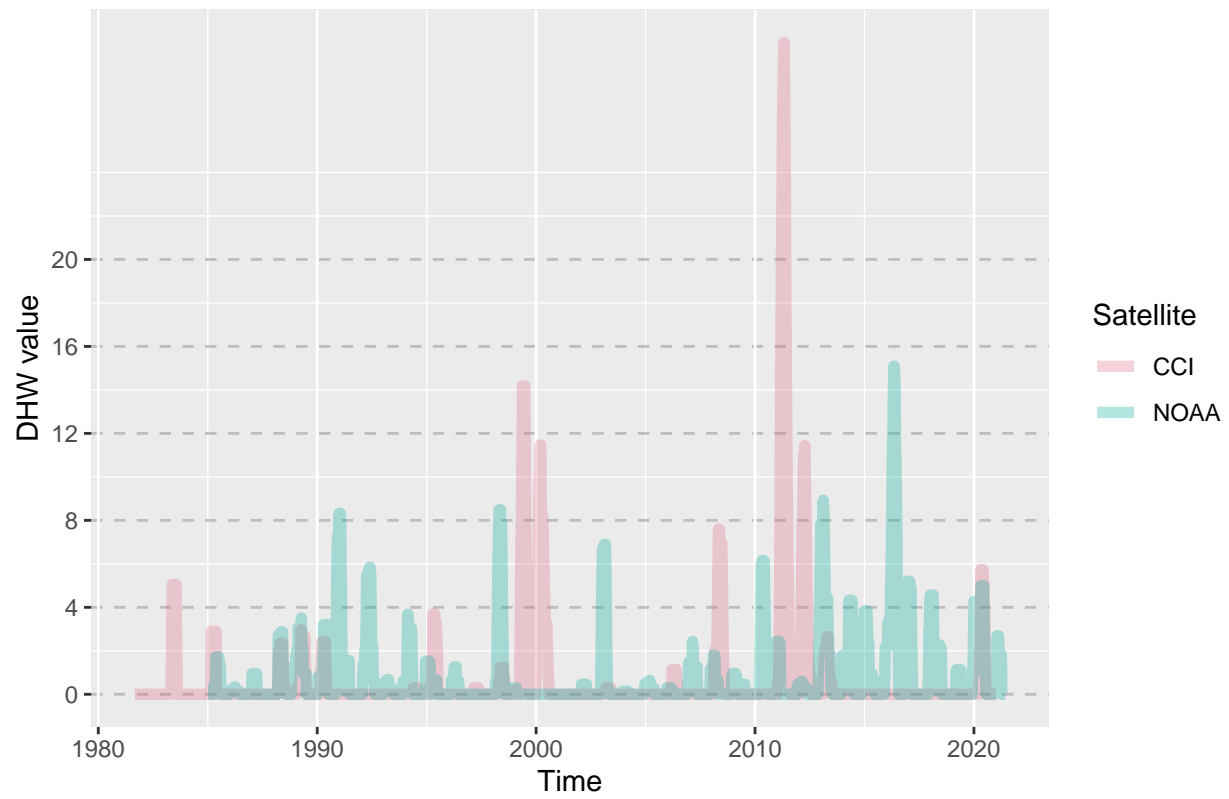
Time Series of SCOTT_SS3 (−13.64, 122.03) Degree Heating Week value



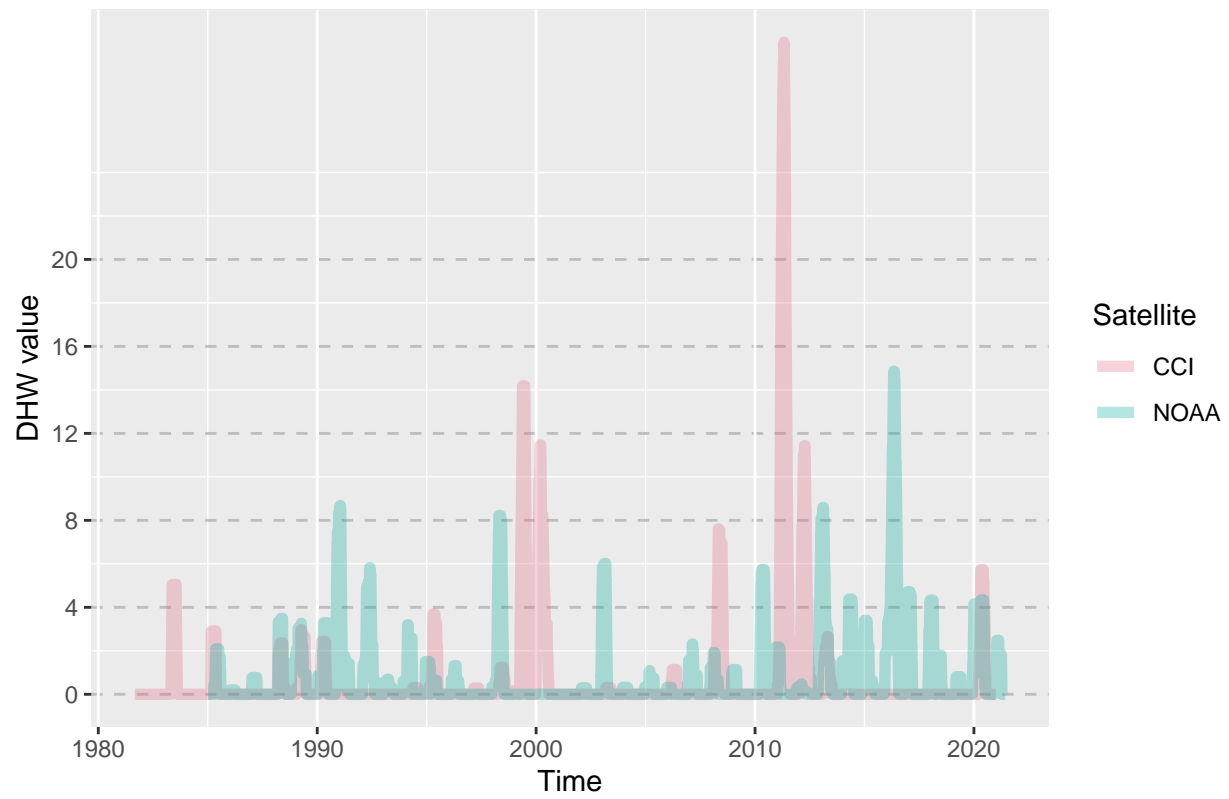
Time Series of SCOTTNR1 (–13.99, 121.88) Degree Heating Week value



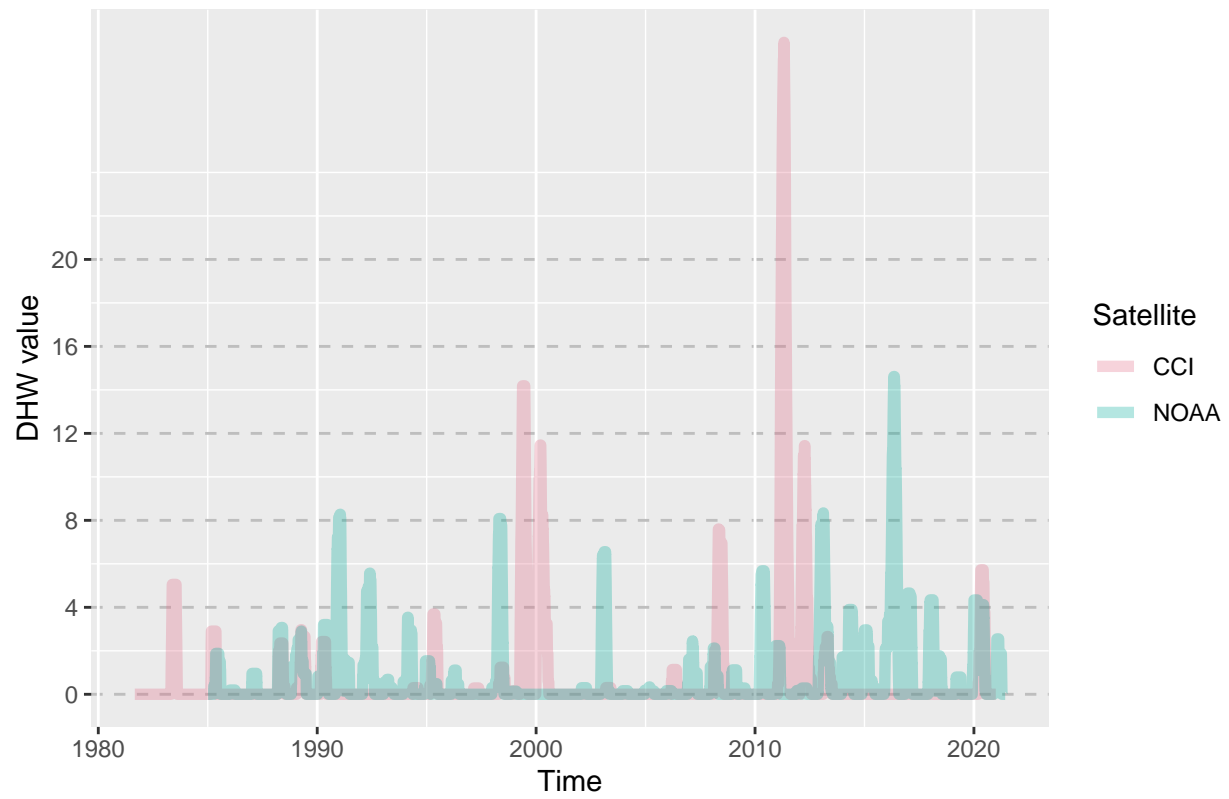
Time Series of SCOTTSL1 (–14.08, 121.95) Degree Heating Week value:



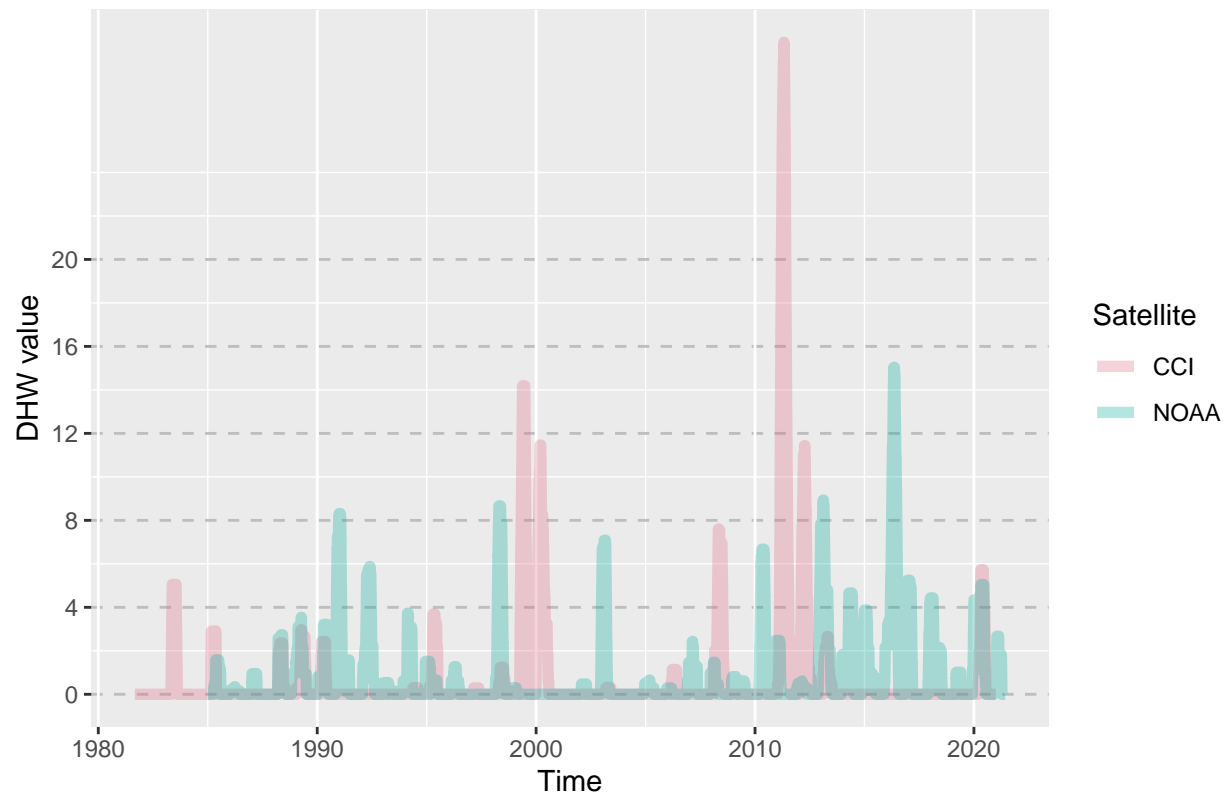
Time Series of SCOTTSL2 (–14.19, 121.80) Degree Heating Week value:



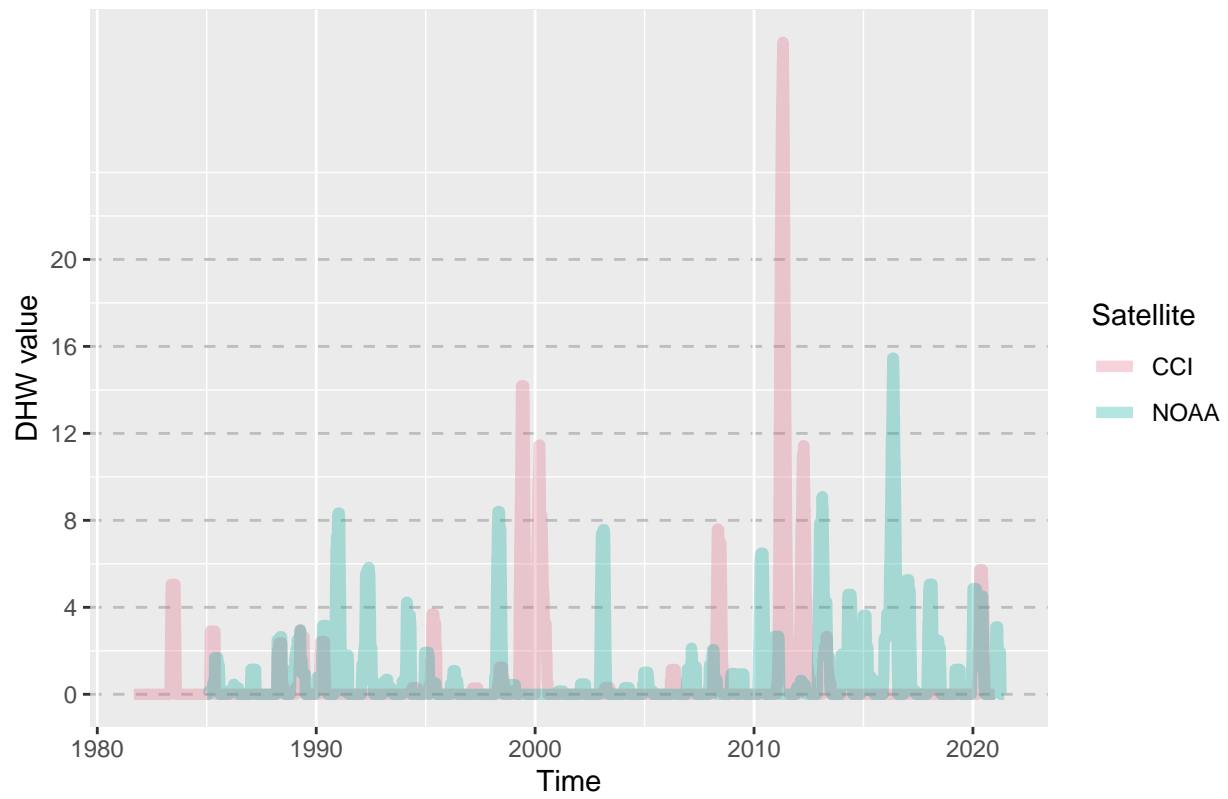
Time Series of SCOTTSL3 (–14.07, 121.78) Degree Heating Week value:



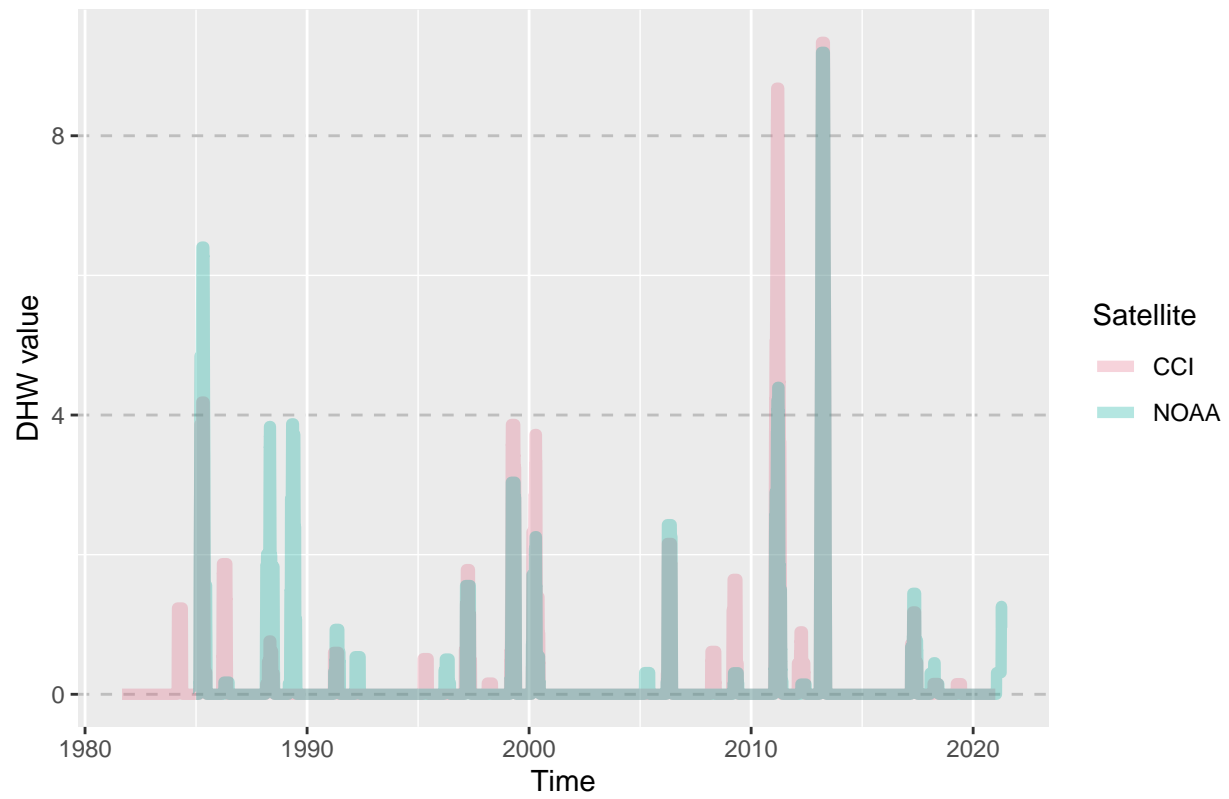
Time Series of SCOTTSS1 (–14.08, 121.98) Degree Heating Week value:



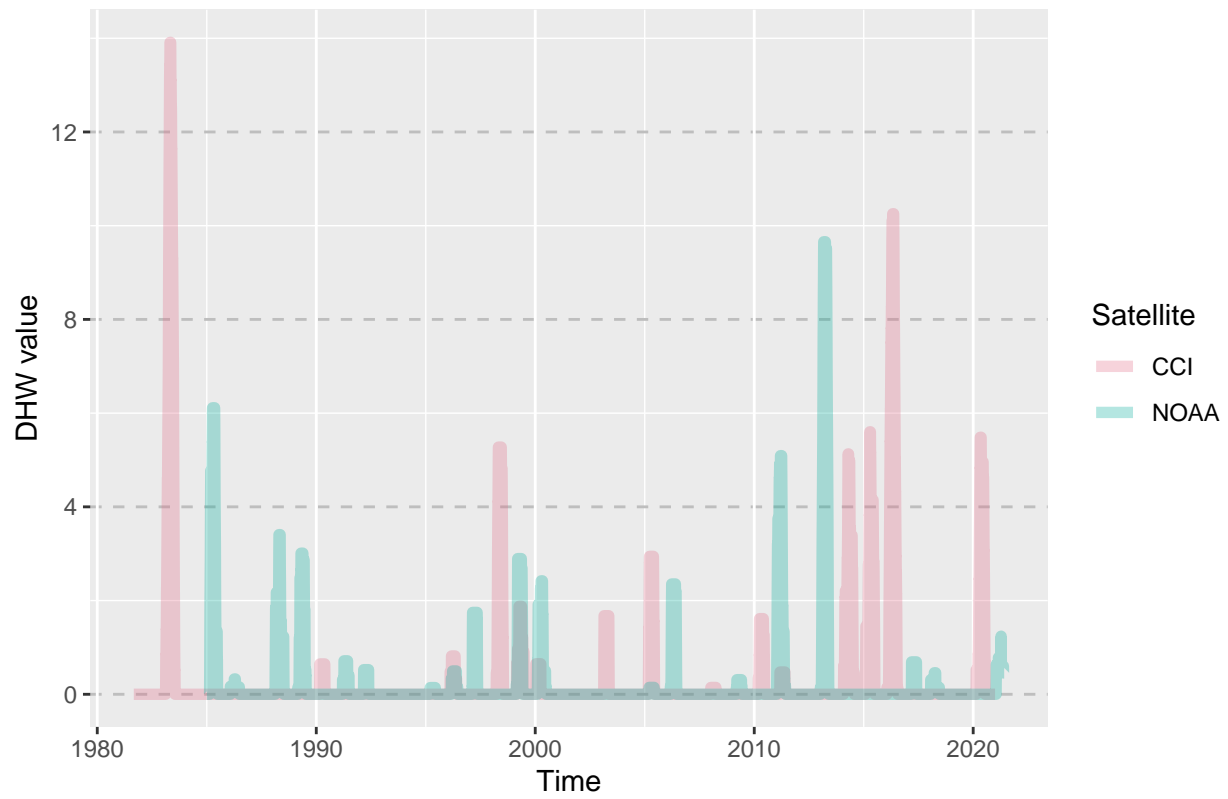
Time Series of SCOTTSS2 (–13.92, 121.92) Degree Heating Week value:



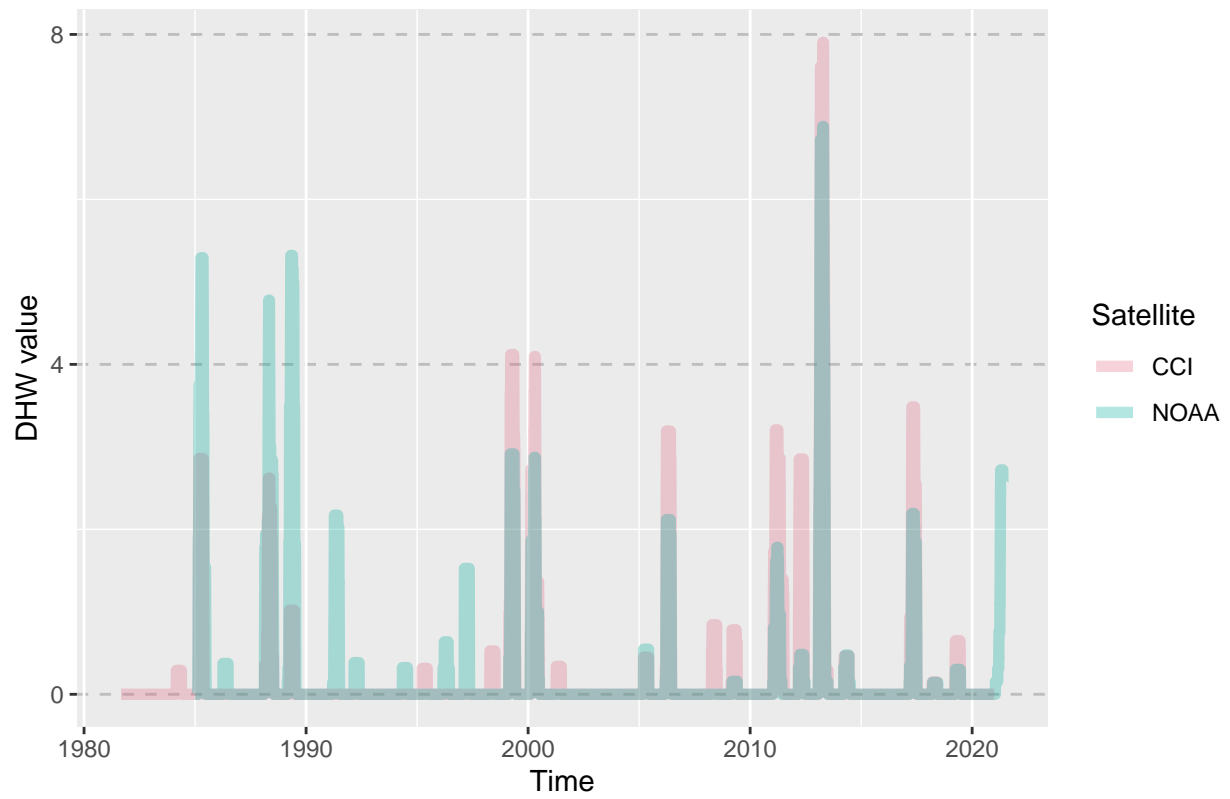
Time Series of BUN05A (–21.84, 114.18) Degree Heating Week values



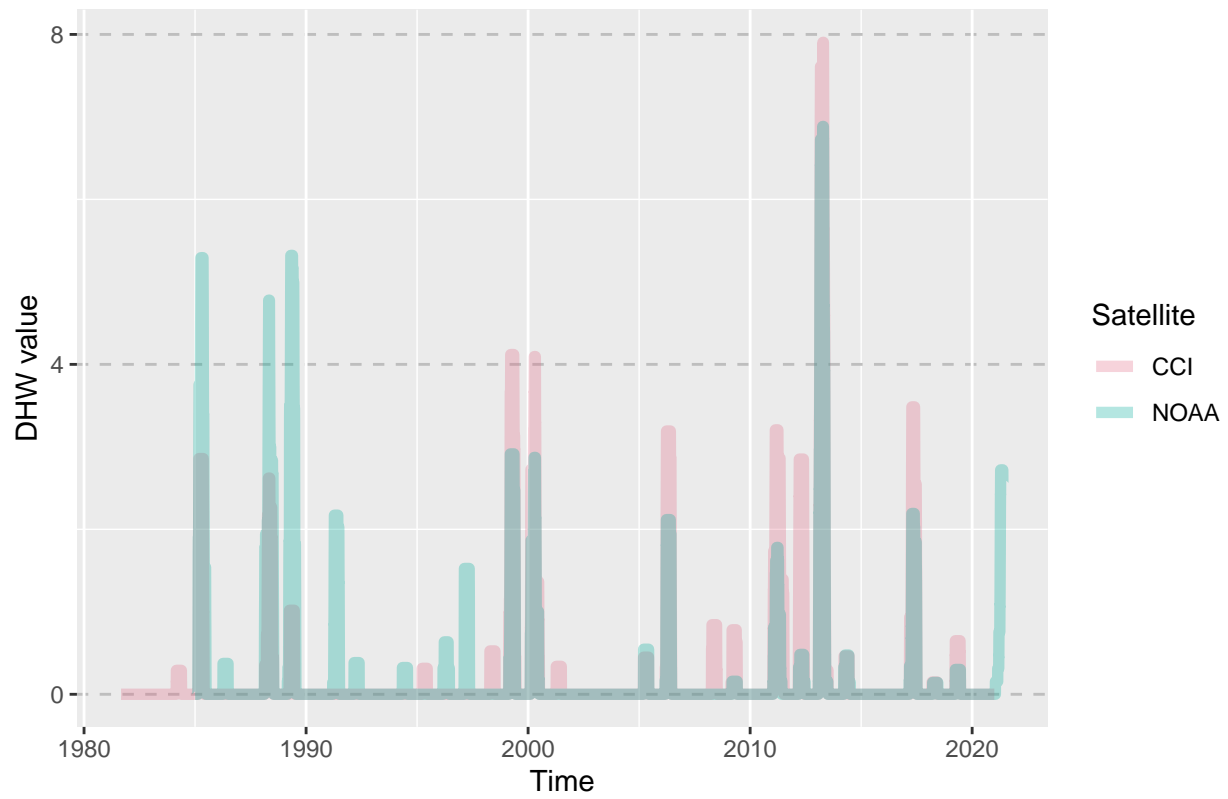
Time Series of 08BND and 13BND (–21.87, 114.16) Degree Heating Wee



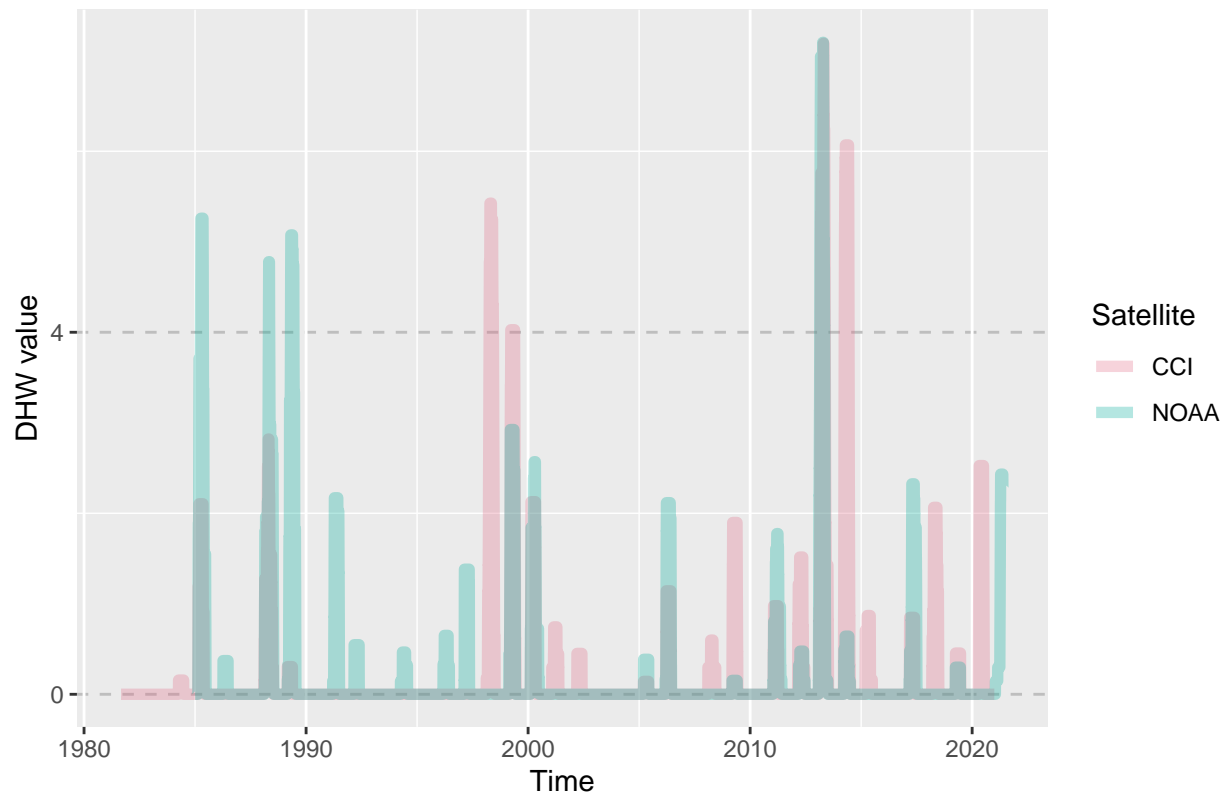
Time Series of 08TNT and 13TNT (–21.91, 113.97) Degree Heating Week



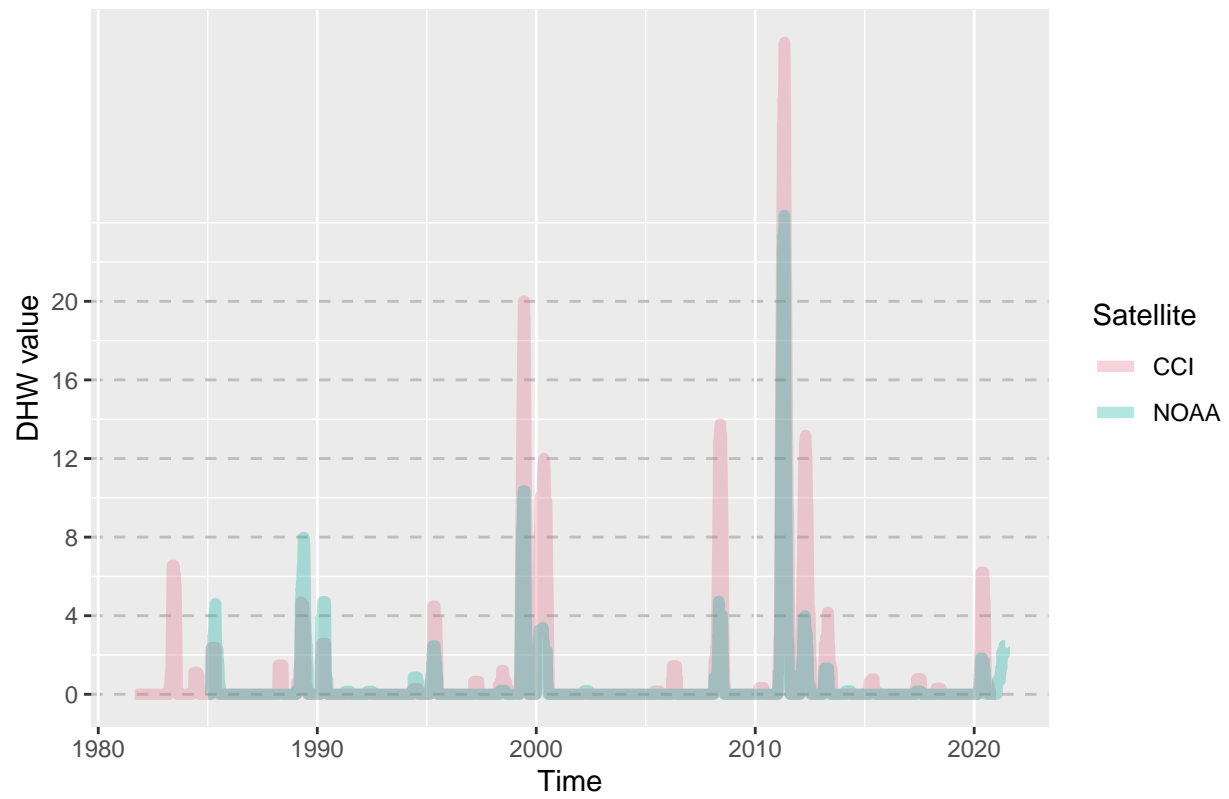
Time Series of TNT ($-21.9, 113.97$) Degree Heating Week values



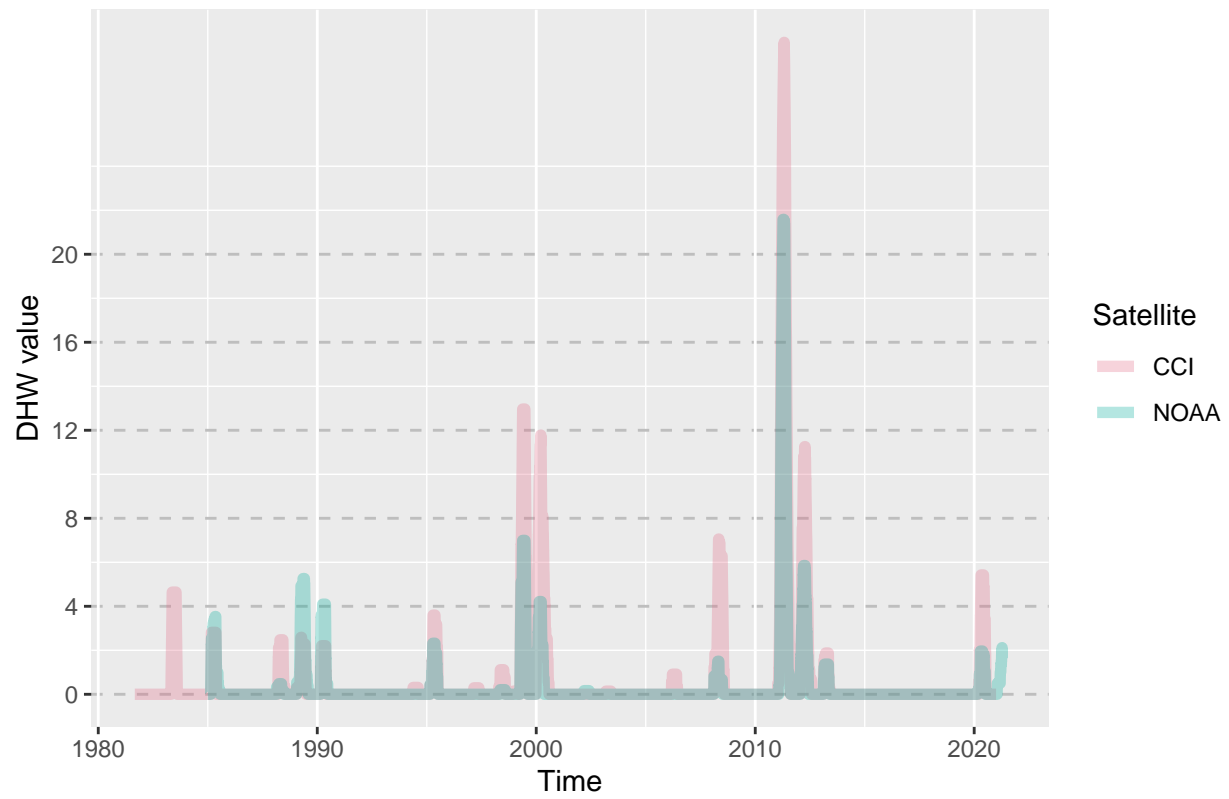
Time Series of TNT07C (–21.89, 113.96) Degree Heating Week values



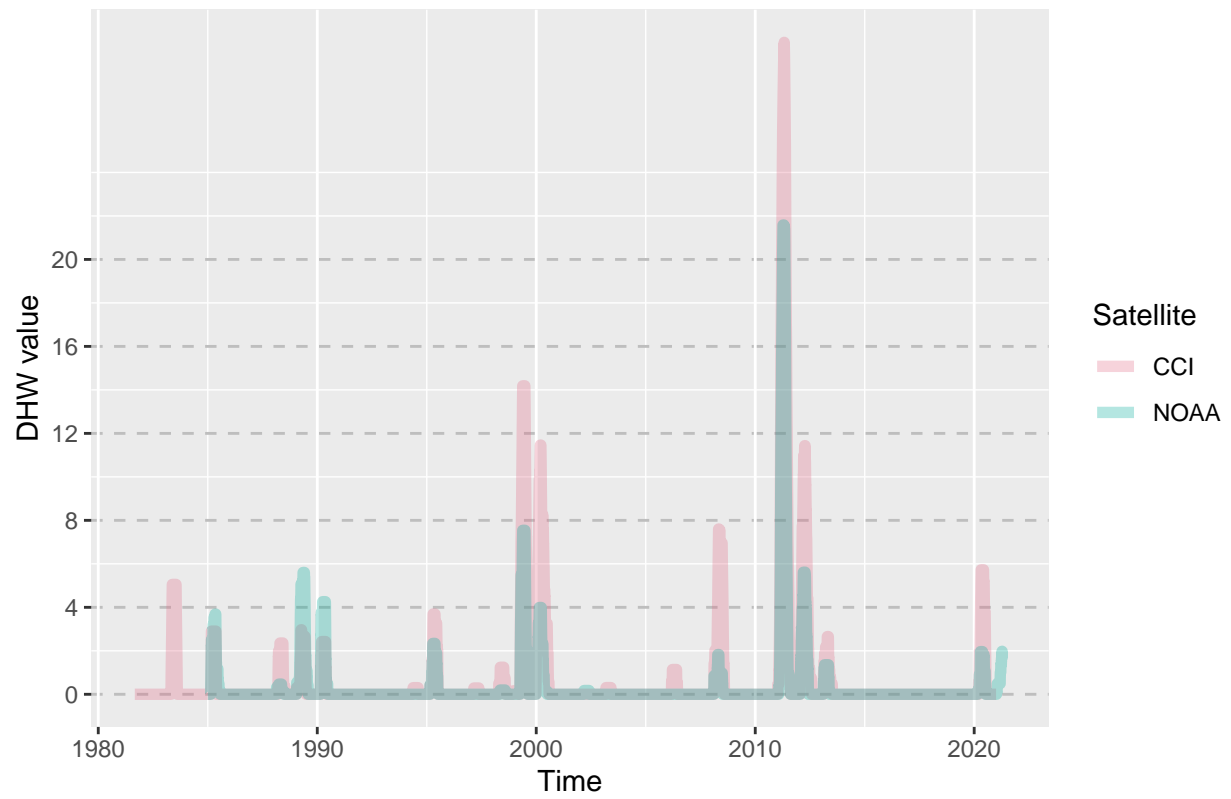
Time Series of Wallabi Island (–28.28, 113.46) Degree Heating Week val



Time Series of HAB05B (–28.46, 113.77) Degree Heating Week values



Time Series of HAB10A (–28.46, 113.75) Degree Heating Week values



BRS05 Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

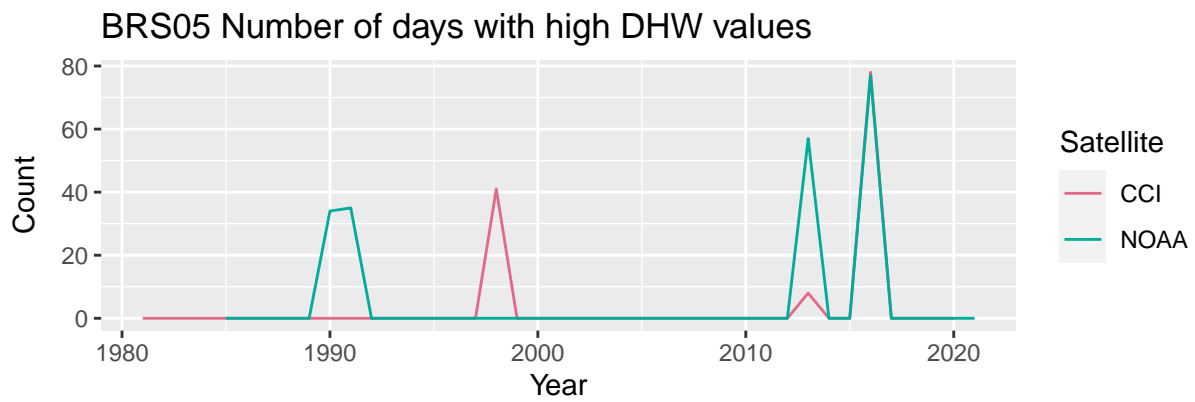
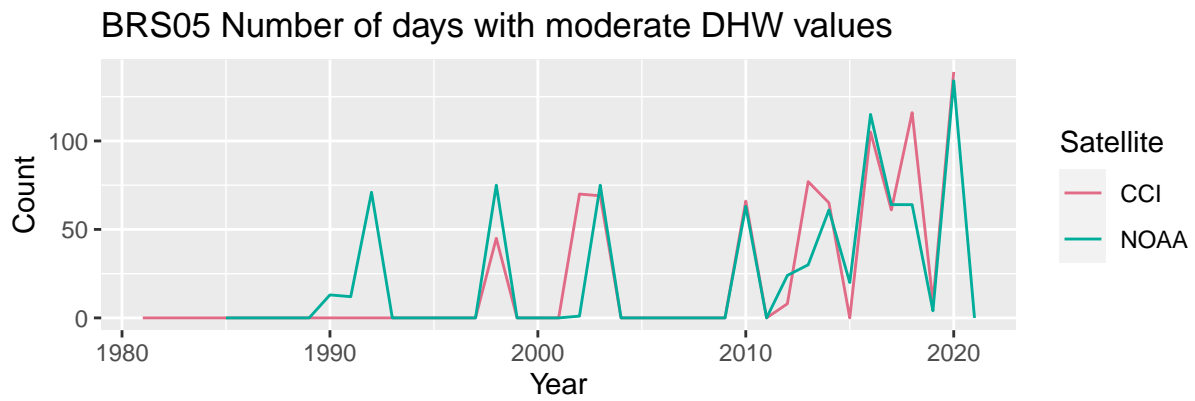


Table 1: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2020	139	2020	134
2018	116	2016	115
2016	105	1998	75
2013	77	2003	75
2002	70	1992	71
2003	69	2017	64
2010	66	2018	64
2014	65	2010	63
2017	61	2014	61
1998	45	2013	30
2019	9	2012	24
2012	8	2015	20
1981	0	1990	13
1982	0	1991	12
1983	0	2019	4
1984	0	2002	1
1985	0	1985	0
1986	0	1986	0
1987	0	1987	0
1988	0	1988	0
1989	0	1989	0
1990	0	1993	0
1991	0	1994	0
1992	0	1995	0
1993	0	1996	0
1994	0	1997	0
1995	0	1999	0
1996	0	2000	0
1997	0	2001	0
1999	0	2004	0
2000	0	2005	0
2001	0	2006	0
2004	0	2007	0
2005	0	2008	0
2006	0	2009	0
2007	0	2011	0
2008	0	2021	0
2009	0	1981	NA
2011	0	1982	NA
2015	0	1983	NA
2021	NA	1984	NA

Table 2: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2016	78	2016	77
1998	41	2013	57
2013	8	1991	35
1981	0	1990	34
1982	0	1985	0
1983	0	1986	0
1984	0	1987	0
1985	0	1988	0
1986	0	1989	0
1987	0	1992	0
1988	0	1993	0
1989	0	1994	0
1990	0	1995	0
1991	0	1996	0
1992	0	1997	0
1993	0	1998	0
1994	0	1999	0
1995	0	2000	0
1996	0	2001	0
1997	0	2002	0
1999	0	2003	0
2000	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2014	0
2010	0	2015	0
2011	0	2017	0
2012	0	2018	0
2014	0	2019	0
2015	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

BRS07 Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

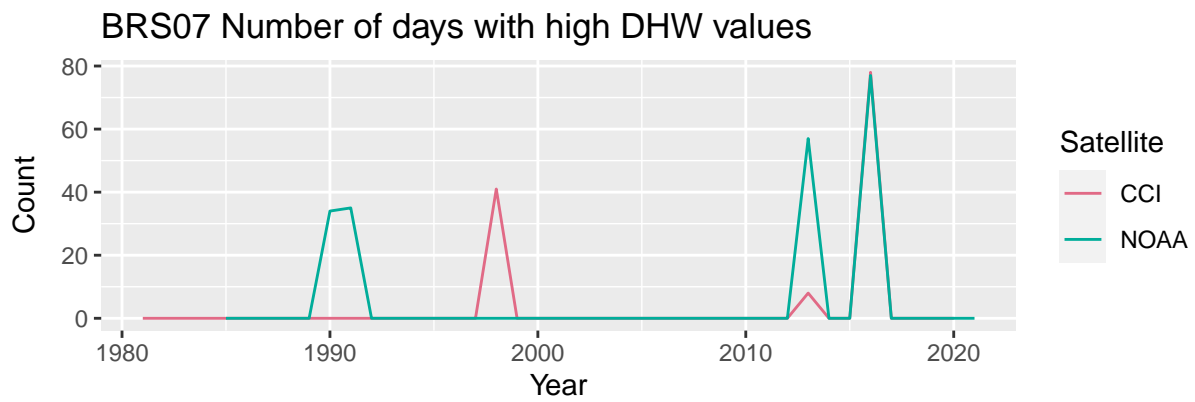
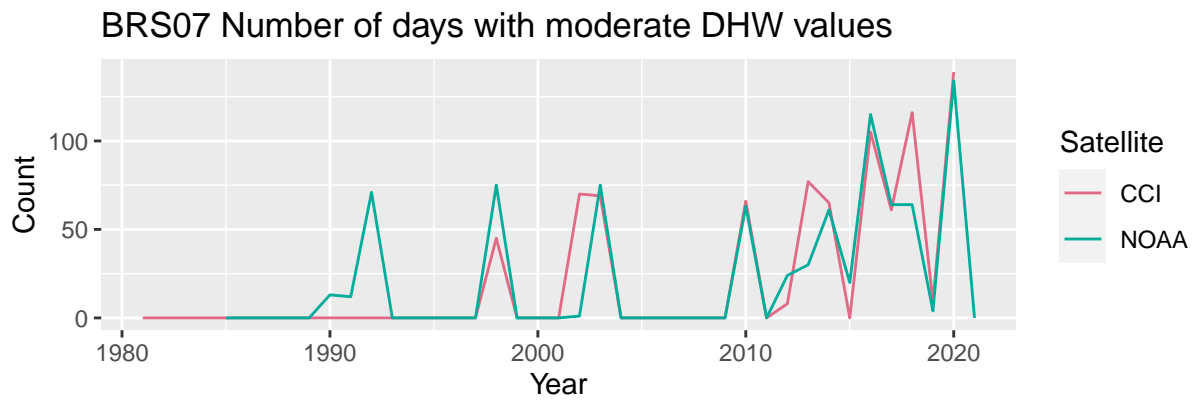


Table 3: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2020	139	2020	134
2018	116	2016	115
2016	105	1998	75
2013	77	2003	75
2002	70	1992	71
2003	69	2017	64
2010	66	2018	64
2014	65	2010	63
2017	61	2014	61
1998	45	2013	30
2019	9	2012	24
2012	8	2015	20
1981	0	1990	13
1982	0	1991	12
1983	0	2019	4
1984	0	2002	1
1985	0	1985	0
1986	0	1986	0
1987	0	1987	0
1988	0	1988	0
1989	0	1989	0
1990	0	1993	0
1991	0	1994	0
1992	0	1995	0
1993	0	1996	0
1994	0	1997	0
1995	0	1999	0
1996	0	2000	0
1997	0	2001	0
1999	0	2004	0
2000	0	2005	0
2001	0	2006	0
2004	0	2007	0
2005	0	2008	0
2006	0	2009	0
2007	0	2011	0
2008	0	2021	0
2009	0	1981	NA
2011	0	1982	NA
2015	0	1983	NA
2021	NA	1984	NA

Table 4: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2016	78	2016	77
1998	41	2013	57
2013	8	1991	35
1981	0	1990	34
1982	0	1985	0
1983	0	1986	0
1984	0	1987	0
1985	0	1988	0
1986	0	1989	0
1987	0	1992	0
1988	0	1993	0
1989	0	1994	0
1990	0	1995	0
1991	0	1996	0
1992	0	1997	0
1993	0	1998	0
1994	0	1999	0
1995	0	2000	0
1996	0	2001	0
1997	0	2002	0
1999	0	2003	0
2000	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2014	0
2010	0	2015	0
2011	0	2017	0
2012	0	2018	0
2014	0	2019	0
2015	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

DAR3 Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

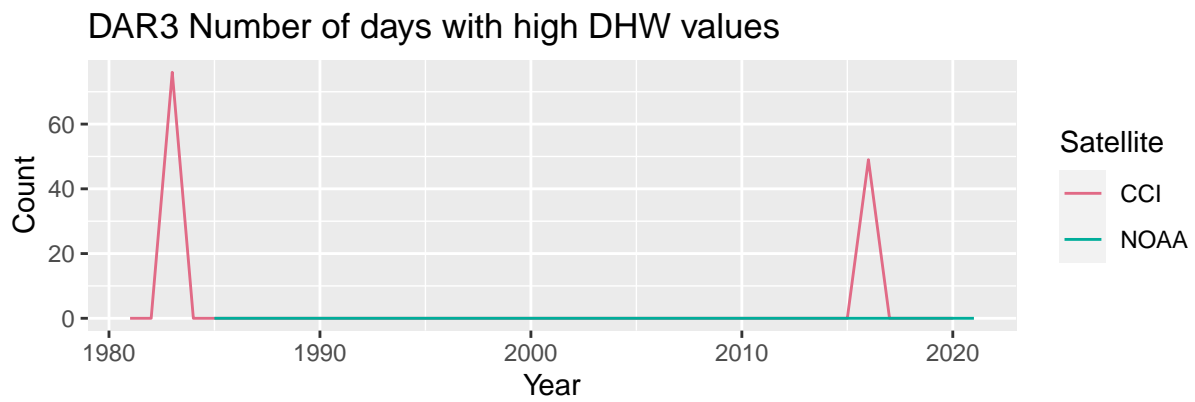
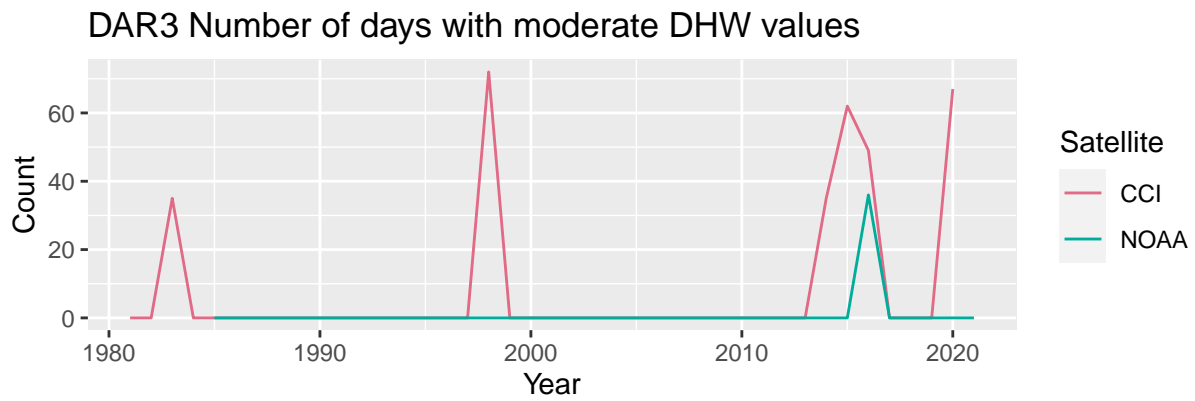


Table 5: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
1998	72	2016	36
2020	67	1985	0
2015	62	1986	0
2016	49	1987	0
1983	35	1988	0
2014	35	1989	0
1981	0	1990	0
1982	0	1991	0
1984	0	1992	0
1985	0	1993	0
1986	0	1994	0
1987	0	1995	0
1988	0	1996	0
1989	0	1997	0
1990	0	1998	0
1991	0	1999	0
1992	0	2000	0
1993	0	2001	0
1994	0	2002	0
1995	0	2003	0
1996	0	2004	0
1997	0	2005	0
1999	0	2006	0
2000	0	2007	0
2001	0	2008	0
2002	0	2009	0
2003	0	2010	0
2004	0	2011	0
2005	0	2012	0
2006	0	2013	0
2007	0	2014	0
2008	0	2015	0
2009	0	2017	0
2010	0	2018	0
2011	0	2019	0
2012	0	2020	0
2013	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 6: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
1983	76	1985	0
2016	49	1986	0
1981	0	1987	0
1982	0	1988	0
1984	0	1989	0
1985	0	1990	0
1986	0	1991	0
1987	0	1992	0
1988	0	1993	0
1989	0	1994	0
1990	0	1995	0
1991	0	1996	0
1992	0	1997	0
1993	0	1998	0
1994	0	1999	0
1995	0	2000	0
1996	0	2001	0
1997	0	2002	0
1998	0	2003	0
1999	0	2004	0
2000	0	2005	0
2001	0	2006	0
2002	0	2007	0
2003	0	2008	0
2004	0	2009	0
2005	0	2010	0
2006	0	2011	0
2007	0	2012	0
2008	0	2013	0
2009	0	2014	0
2010	0	2015	0
2011	0	2016	0
2012	0	2017	0
2013	0	2018	0
2014	0	2019	0
2015	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

DAR Long Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

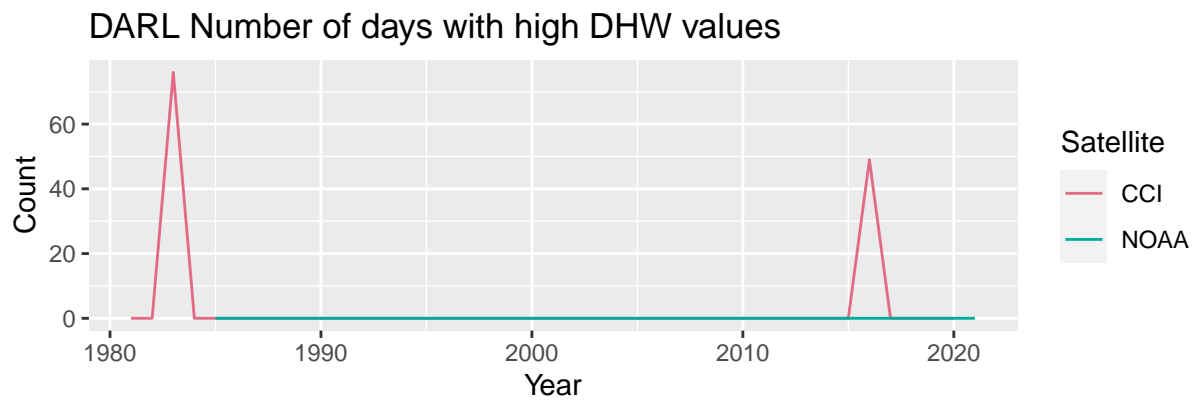
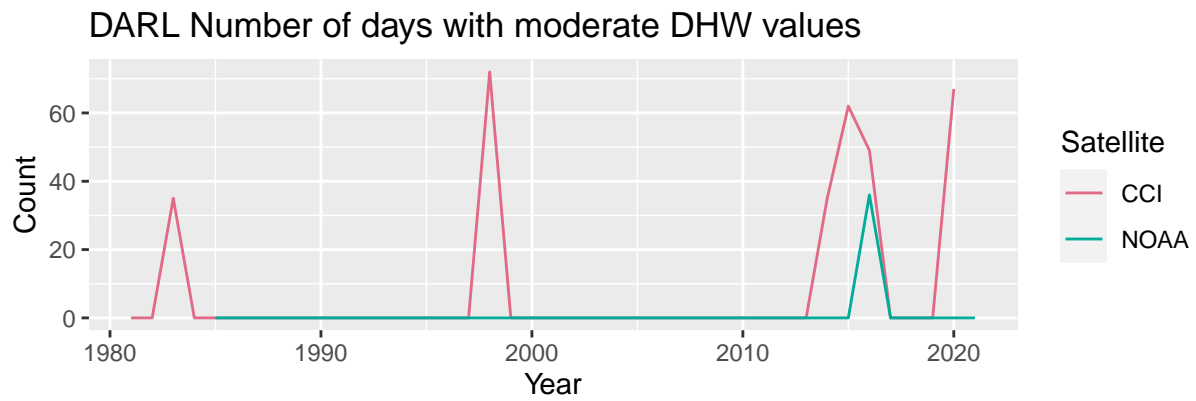


Table 7: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
1998	72	2016	36
2020	67	1985	0
2015	62	1986	0
2016	49	1987	0
1983	35	1988	0
2014	35	1989	0
1981	0	1990	0
1982	0	1991	0
1984	0	1992	0
1985	0	1993	0
1986	0	1994	0
1987	0	1995	0
1988	0	1996	0
1989	0	1997	0
1990	0	1998	0
1991	0	1999	0
1992	0	2000	0
1993	0	2001	0
1994	0	2002	0
1995	0	2003	0
1996	0	2004	0
1997	0	2005	0
1999	0	2006	0
2000	0	2007	0
2001	0	2008	0
2002	0	2009	0
2003	0	2010	0
2004	0	2011	0
2005	0	2012	0
2006	0	2013	0
2007	0	2014	0
2008	0	2015	0
2009	0	2017	0
2010	0	2018	0
2011	0	2019	0
2012	0	2020	0
2013	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 8: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
1983	76	1985	0
2016	49	1986	0
1981	0	1987	0
1982	0	1988	0
1984	0	1989	0
1985	0	1990	0
1986	0	1991	0
1987	0	1992	0
1988	0	1993	0
1989	0	1994	0
1990	0	1995	0
1991	0	1996	0
1992	0	1997	0
1993	0	1998	0
1994	0	1999	0
1995	0	2000	0
1996	0	2001	0
1997	0	2002	0
1998	0	2003	0
1999	0	2004	0
2000	0	2005	0
2001	0	2006	0
2002	0	2007	0
2003	0	2008	0
2004	0	2009	0
2005	0	2010	0
2006	0	2011	0
2007	0	2012	0
2008	0	2013	0
2009	0	2014	0
2010	0	2015	0
2011	0	2016	0
2012	0	2017	0
2013	0	2018	0
2014	0	2019	0
2015	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

SCOTT_RPO_1 Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

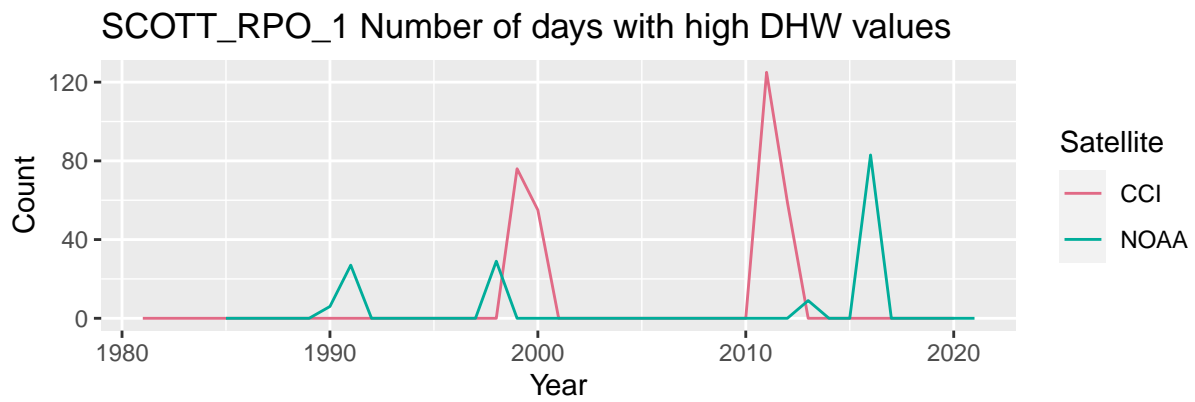
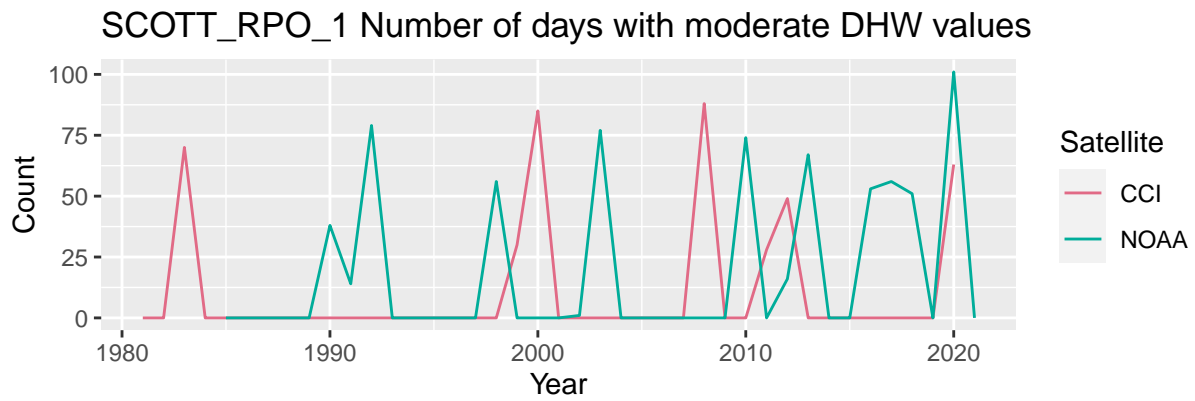


Table 9: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2008	88	2020	101
2000	85	1992	79
1983	70	2003	77
2020	63	2010	74
2012	49	2013	67
1999	30	1998	56
2011	28	2017	56
1981	0	2016	53
1982	0	2018	51
1984	0	1990	38
1985	0	2012	16
1986	0	1991	14
1987	0	2002	1
1988	0	1985	0
1989	0	1986	0
1990	0	1987	0
1991	0	1988	0
1992	0	1989	0
1993	0	1993	0
1994	0	1994	0
1995	0	1995	0
1996	0	1996	0
1997	0	1997	0
1998	0	1999	0
2001	0	2000	0
2002	0	2001	0
2003	0	2004	0
2004	0	2005	0
2005	0	2006	0
2006	0	2007	0
2007	0	2008	0
2009	0	2009	0
2010	0	2011	0
2013	0	2014	0
2014	0	2015	0
2015	0	2019	0
2016	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 10: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2011	125	2016	83
1999	76	1998	29
2012	59	1991	27
2000	55	2013	9
1981	0	1990	6
1982	0	1985	0
1983	0	1986	0
1984	0	1987	0
1985	0	1988	0
1986	0	1989	0
1987	0	1992	0
1988	0	1993	0
1989	0	1994	0
1990	0	1995	0
1991	0	1996	0
1992	0	1997	0
1993	0	1999	0
1994	0	2000	0
1995	0	2001	0
1996	0	2002	0
1997	0	2003	0
1998	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2014	0
2010	0	2015	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

SCOTT_SL4 Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

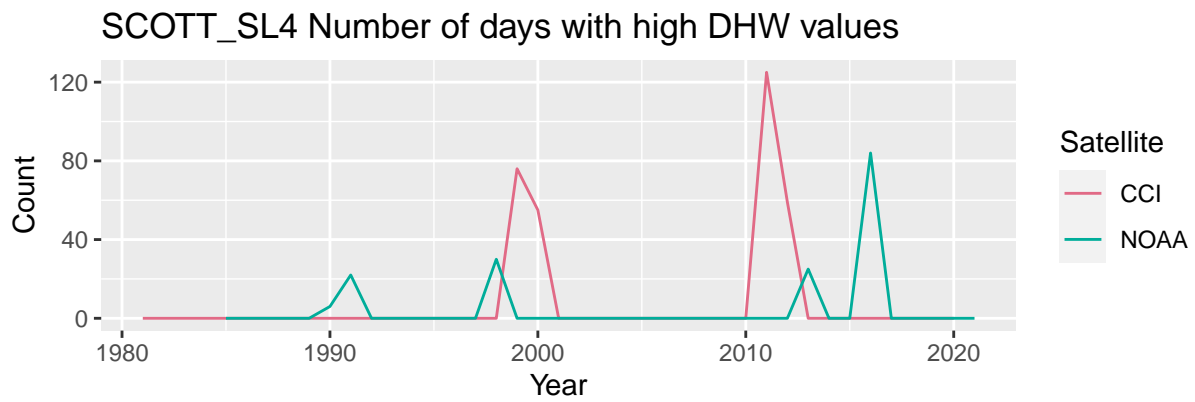
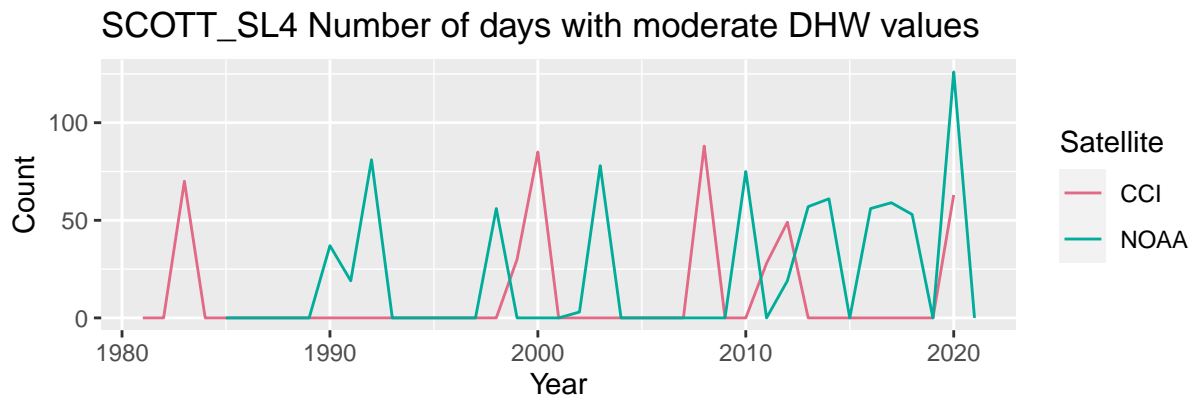


Table 11: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2008	88	2020	126
2000	85	1992	81
1983	70	2003	78
2020	63	2010	75
2012	49	2014	61
1999	30	2017	59
2011	28	2013	57
1981	0	1998	56
1982	0	2016	56
1984	0	2018	53
1985	0	1990	37
1986	0	1991	19
1987	0	2012	19
1988	0	2002	3
1989	0	1985	0
1990	0	1986	0
1991	0	1987	0
1992	0	1988	0
1993	0	1989	0
1994	0	1993	0
1995	0	1994	0
1996	0	1995	0
1997	0	1996	0
1998	0	1997	0
2001	0	1999	0
2002	0	2000	0
2003	0	2001	0
2004	0	2004	0
2005	0	2005	0
2006	0	2006	0
2007	0	2007	0
2009	0	2008	0
2010	0	2009	0
2013	0	2011	0
2014	0	2015	0
2015	0	2019	0
2016	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 12: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2011	125	2016	84
1999	76	1998	30
2012	59	2013	25
2000	55	1991	22
1981	0	1990	6
1982	0	1985	0
1983	0	1986	0
1984	0	1987	0
1985	0	1988	0
1986	0	1989	0
1987	0	1992	0
1988	0	1993	0
1989	0	1994	0
1990	0	1995	0
1991	0	1996	0
1992	0	1997	0
1993	0	1999	0
1994	0	2000	0
1995	0	2001	0
1996	0	2002	0
1997	0	2003	0
1998	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2014	0
2010	0	2015	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

SCOTT_SS3 Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

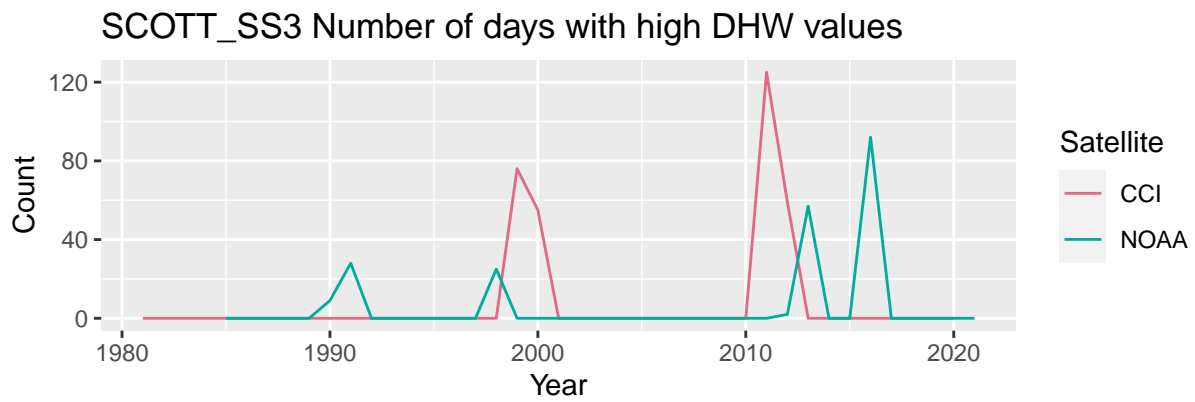
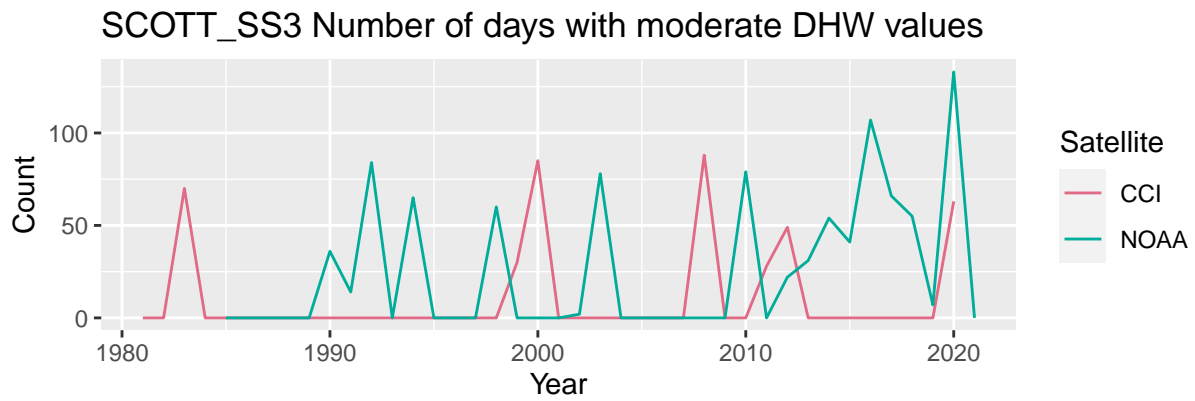


Table 13: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2008	88	2020	133
2000	85	2016	107
1983	70	1992	84
2020	63	2010	79
2012	49	2003	78
1999	30	2017	66
2011	28	1994	65
1981	0	1998	60
1982	0	2018	55
1984	0	2014	54
1985	0	2015	41
1986	0	1990	36
1987	0	2013	31
1988	0	2012	22
1989	0	1991	14
1990	0	2019	7
1991	0	2002	2
1992	0	1985	0
1993	0	1986	0
1994	0	1987	0
1995	0	1988	0
1996	0	1989	0
1997	0	1993	0
1998	0	1995	0
2001	0	1996	0
2002	0	1997	0
2003	0	1999	0
2004	0	2000	0
2005	0	2001	0
2006	0	2004	0
2007	0	2005	0
2009	0	2006	0
2010	0	2007	0
2013	0	2008	0
2014	0	2009	0
2015	0	2011	0
2016	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 14: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2011	125	2016	92
1999	76	2013	57
2012	59	1991	28
2000	55	1998	25
1981	0	1990	9
1982	0	2012	2
1983	0	1985	0
1984	0	1986	0
1985	0	1987	0
1986	0	1988	0
1987	0	1989	0
1988	0	1992	0
1989	0	1993	0
1990	0	1994	0
1991	0	1995	0
1992	0	1996	0
1993	0	1997	0
1994	0	1999	0
1995	0	2000	0
1996	0	2001	0
1997	0	2002	0
1998	0	2003	0
2001	0	2004	0
2002	0	2005	0
2003	0	2006	0
2004	0	2007	0
2005	0	2008	0
2006	0	2009	0
2007	0	2010	0
2008	0	2011	0
2009	0	2014	0
2010	0	2015	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

SCOTTNR1 Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

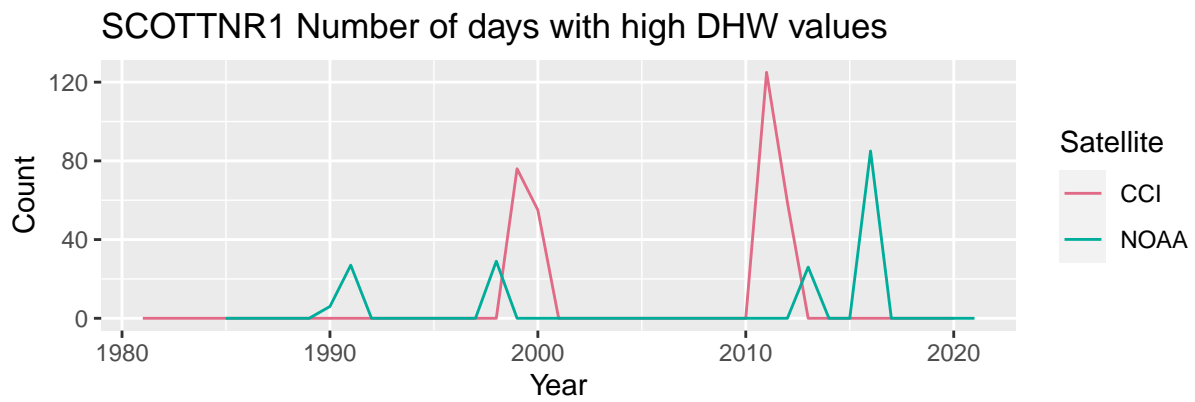
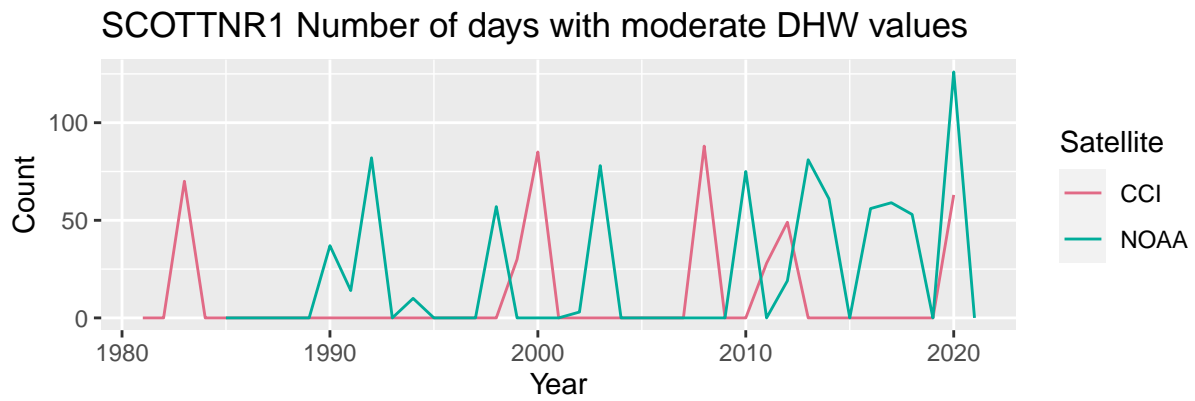


Table 15: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2008	88	2020	126
2000	85	1992	82
1983	70	2013	81
2020	63	2003	78
2012	49	2010	75
1999	30	2014	61
2011	28	2017	59
1981	0	1998	57
1982	0	2016	56
1984	0	2018	53
1985	0	1990	37
1986	0	2012	19
1987	0	1991	14
1988	0	1994	10
1989	0	2002	3
1990	0	1985	0
1991	0	1986	0
1992	0	1987	0
1993	0	1988	0
1994	0	1989	0
1995	0	1993	0
1996	0	1995	0
1997	0	1996	0
1998	0	1997	0
2001	0	1999	0
2002	0	2000	0
2003	0	2001	0
2004	0	2004	0
2005	0	2005	0
2006	0	2006	0
2007	0	2007	0
2009	0	2008	0
2010	0	2009	0
2013	0	2011	0
2014	0	2015	0
2015	0	2019	0
2016	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 16: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2011	125	2016	85
1999	76	1998	29
2012	59	1991	27
2000	55	2013	26
1981	0	1990	6
1982	0	1985	0
1983	0	1986	0
1984	0	1987	0
1985	0	1988	0
1986	0	1989	0
1987	0	1992	0
1988	0	1993	0
1989	0	1994	0
1990	0	1995	0
1991	0	1996	0
1992	0	1997	0
1993	0	1999	0
1994	0	2000	0
1995	0	2001	0
1996	0	2002	0
1997	0	2003	0
1998	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2014	0
2010	0	2015	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

SCOTTSL1 Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

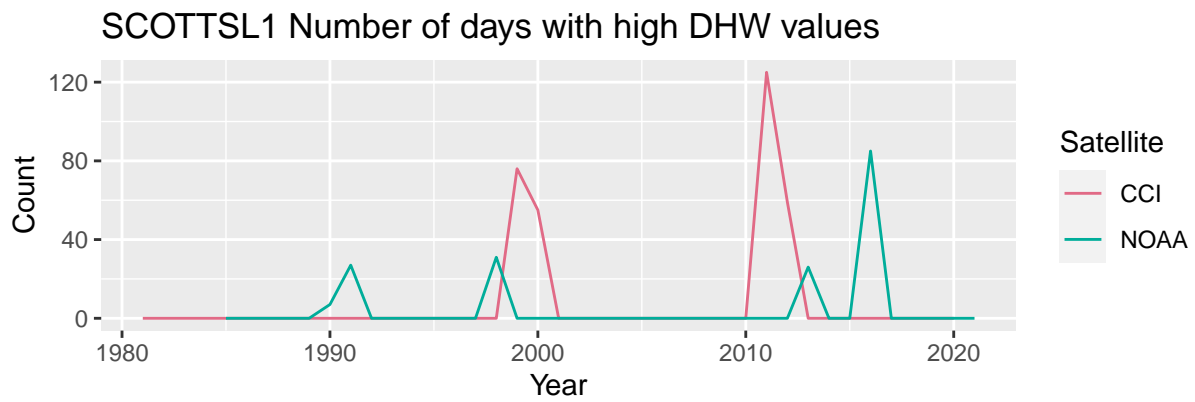
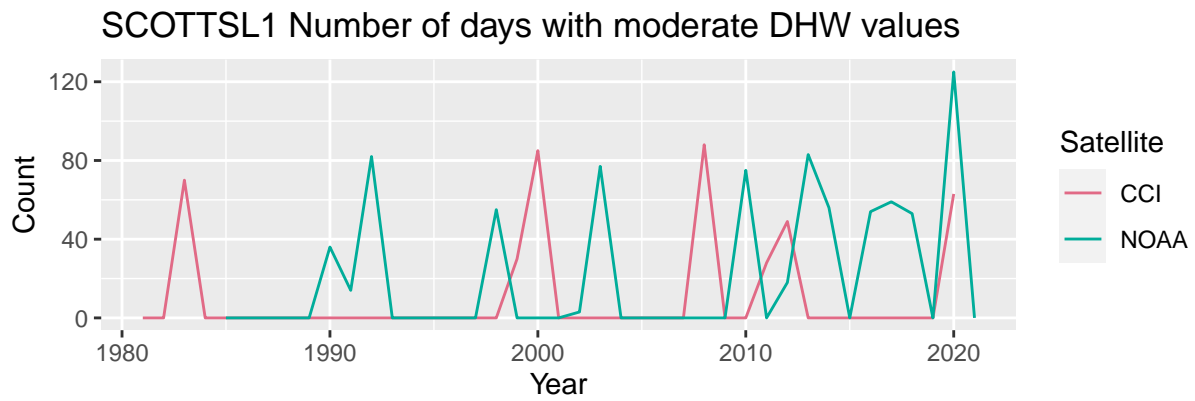


Table 17: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2008	88	2020	125
2000	85	2013	83
1983	70	1992	82
2020	63	2003	77
2012	49	2010	75
1999	30	2017	59
2011	28	2014	56
1981	0	1998	55
1982	0	2016	54
1984	0	2018	53
1985	0	1990	36
1986	0	2012	18
1987	0	1991	14
1988	0	2002	3
1989	0	1985	0
1990	0	1986	0
1991	0	1987	0
1992	0	1988	0
1993	0	1989	0
1994	0	1993	0
1995	0	1994	0
1996	0	1995	0
1997	0	1996	0
1998	0	1997	0
2001	0	1999	0
2002	0	2000	0
2003	0	2001	0
2004	0	2004	0
2005	0	2005	0
2006	0	2006	0
2007	0	2007	0
2009	0	2008	0
2010	0	2009	0
2013	0	2011	0
2014	0	2015	0
2015	0	2019	0
2016	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 18: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2011	125	2016	85
1999	76	1998	31
2012	59	1991	27
2000	55	2013	26
1981	0	1990	7
1982	0	1985	0
1983	0	1986	0
1984	0	1987	0
1985	0	1988	0
1986	0	1989	0
1987	0	1992	0
1988	0	1993	0
1989	0	1994	0
1990	0	1995	0
1991	0	1996	0
1992	0	1997	0
1993	0	1999	0
1994	0	2000	0
1995	0	2001	0
1996	0	2002	0
1997	0	2003	0
1998	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2014	0
2010	0	2015	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

SCOTTSL2 Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

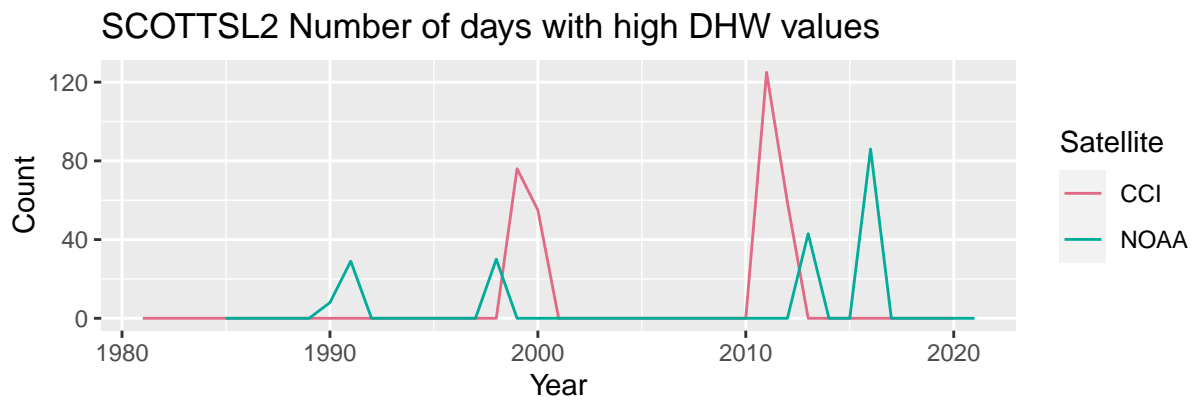
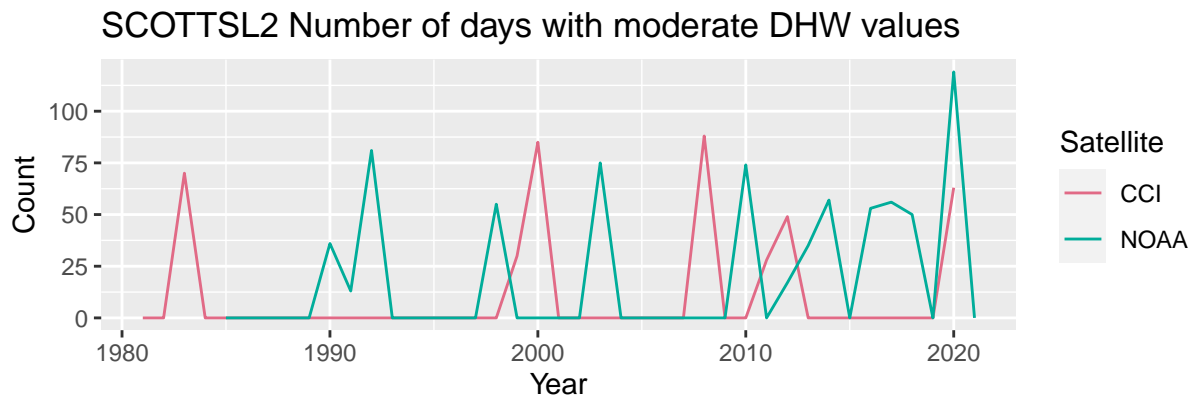


Table 19: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2008	88	2020	119
2000	85	1992	81
1983	70	2003	75
2020	63	2010	74
2012	49	2014	57
1999	30	2017	56
2011	28	1998	55
1981	0	2016	53
1982	0	2018	50
1984	0	1990	36
1985	0	2013	35
1986	0	2012	17
1987	0	1991	13
1988	0	1985	0
1989	0	1986	0
1990	0	1987	0
1991	0	1988	0
1992	0	1989	0
1993	0	1993	0
1994	0	1994	0
1995	0	1995	0
1996	0	1996	0
1997	0	1997	0
1998	0	1999	0
2001	0	2000	0
2002	0	2001	0
2003	0	2002	0
2004	0	2004	0
2005	0	2005	0
2006	0	2006	0
2007	0	2007	0
2009	0	2008	0
2010	0	2009	0
2013	0	2011	0
2014	0	2015	0
2015	0	2019	0
2016	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 20: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2011	125	2016	86
1999	76	2013	43
2012	59	1998	30
2000	55	1991	29
1981	0	1990	8
1982	0	1985	0
1983	0	1986	0
1984	0	1987	0
1985	0	1988	0
1986	0	1989	0
1987	0	1992	0
1988	0	1993	0
1989	0	1994	0
1990	0	1995	0
1991	0	1996	0
1992	0	1997	0
1993	0	1999	0
1994	0	2000	0
1995	0	2001	0
1996	0	2002	0
1997	0	2003	0
1998	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2014	0
2010	0	2015	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

SCOTTSL3 Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

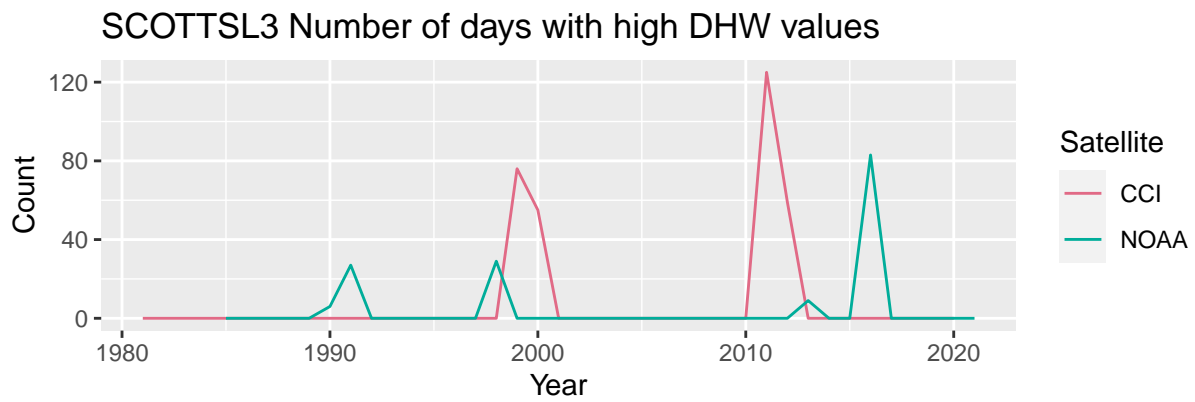
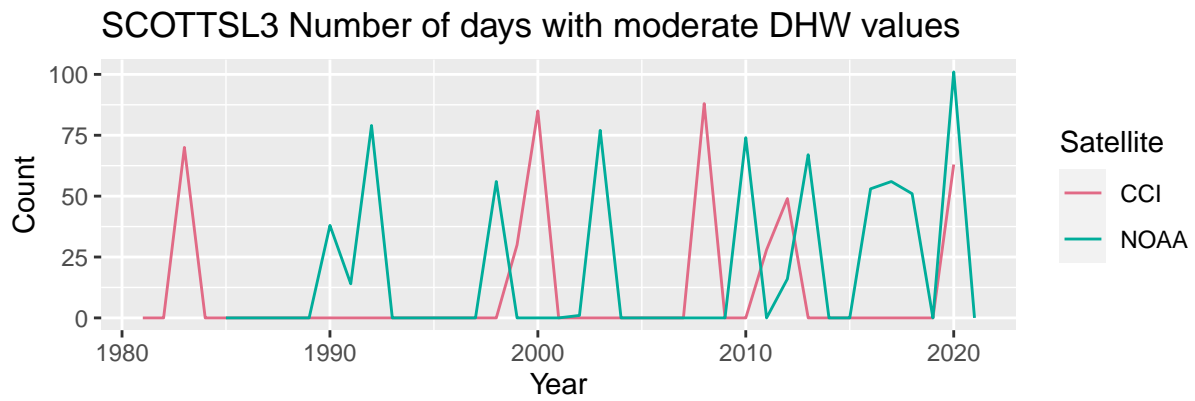


Table 21: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2008	88	2020	101
2000	85	1992	79
1983	70	2003	77
2020	63	2010	74
2012	49	2013	67
1999	30	1998	56
2011	28	2017	56
1981	0	2016	53
1982	0	2018	51
1984	0	1990	38
1985	0	2012	16
1986	0	1991	14
1987	0	2002	1
1988	0	1985	0
1989	0	1986	0
1990	0	1987	0
1991	0	1988	0
1992	0	1989	0
1993	0	1993	0
1994	0	1994	0
1995	0	1995	0
1996	0	1996	0
1997	0	1997	0
1998	0	1999	0
2001	0	2000	0
2002	0	2001	0
2003	0	2004	0
2004	0	2005	0
2005	0	2006	0
2006	0	2007	0
2007	0	2008	0
2009	0	2009	0
2010	0	2011	0
2013	0	2014	0
2014	0	2015	0
2015	0	2019	0
2016	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 22: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2011	125	2016	83
1999	76	1998	29
2012	59	1991	27
2000	55	2013	9
1981	0	1990	6
1982	0	1985	0
1983	0	1986	0
1984	0	1987	0
1985	0	1988	0
1986	0	1989	0
1987	0	1992	0
1988	0	1993	0
1989	0	1994	0
1990	0	1995	0
1991	0	1996	0
1992	0	1997	0
1993	0	1999	0
1994	0	2000	0
1995	0	2001	0
1996	0	2002	0
1997	0	2003	0
1998	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2014	0
2010	0	2015	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

SCOTTSS1 Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

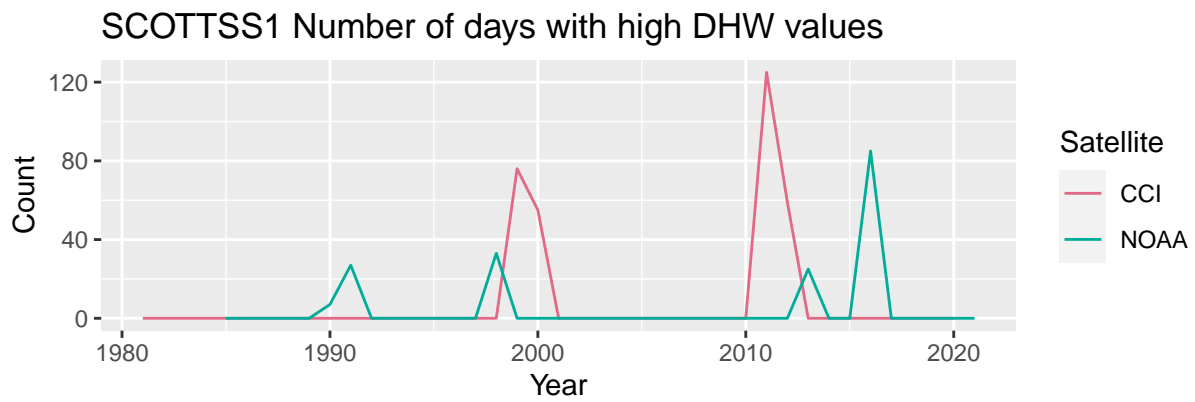
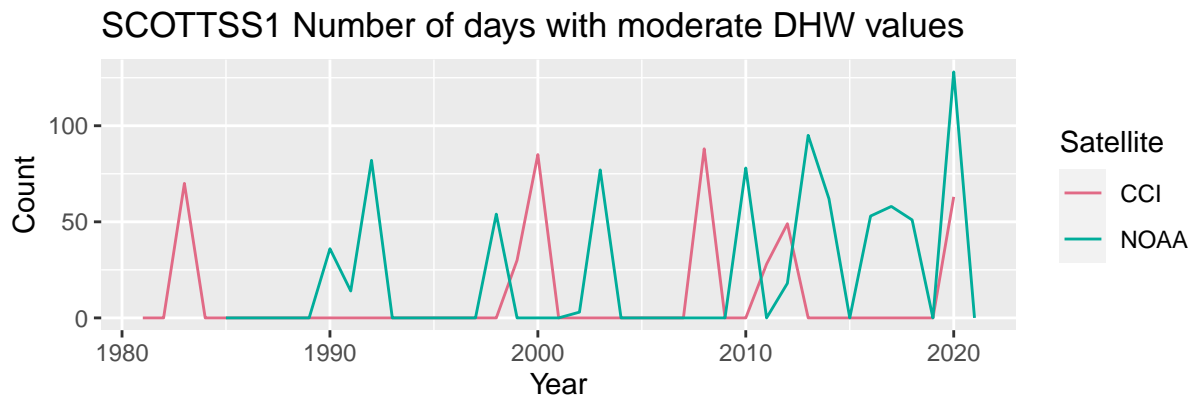


Table 23: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2008	88	2020	128
2000	85	2013	95
1983	70	1992	82
2020	63	2010	78
2012	49	2003	77
1999	30	2014	62
2011	28	2017	58
1981	0	1998	54
1982	0	2016	53
1984	0	2018	51
1985	0	1990	36
1986	0	2012	18
1987	0	1991	14
1988	0	2002	3
1989	0	1985	0
1990	0	1986	0
1991	0	1987	0
1992	0	1988	0
1993	0	1989	0
1994	0	1993	0
1995	0	1994	0
1996	0	1995	0
1997	0	1996	0
1998	0	1997	0
2001	0	1999	0
2002	0	2000	0
2003	0	2001	0
2004	0	2004	0
2005	0	2005	0
2006	0	2006	0
2007	0	2007	0
2009	0	2008	0
2010	0	2009	0
2013	0	2011	0
2014	0	2015	0
2015	0	2019	0
2016	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 24: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2011	125	2016	85
1999	76	1998	33
2012	59	1991	27
2000	55	2013	25
1981	0	1990	7
1982	0	1985	0
1983	0	1986	0
1984	0	1987	0
1985	0	1988	0
1986	0	1989	0
1987	0	1992	0
1988	0	1993	0
1989	0	1994	0
1990	0	1995	0
1991	0	1996	0
1992	0	1997	0
1993	0	1999	0
1994	0	2000	0
1995	0	2001	0
1996	0	2002	0
1997	0	2003	0
1998	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2014	0
2010	0	2015	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

SCOTTSS2 Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

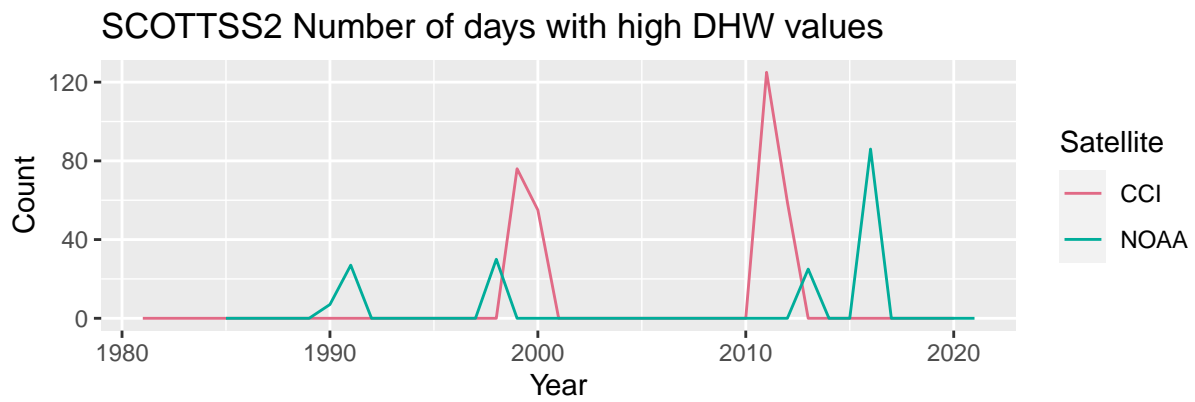
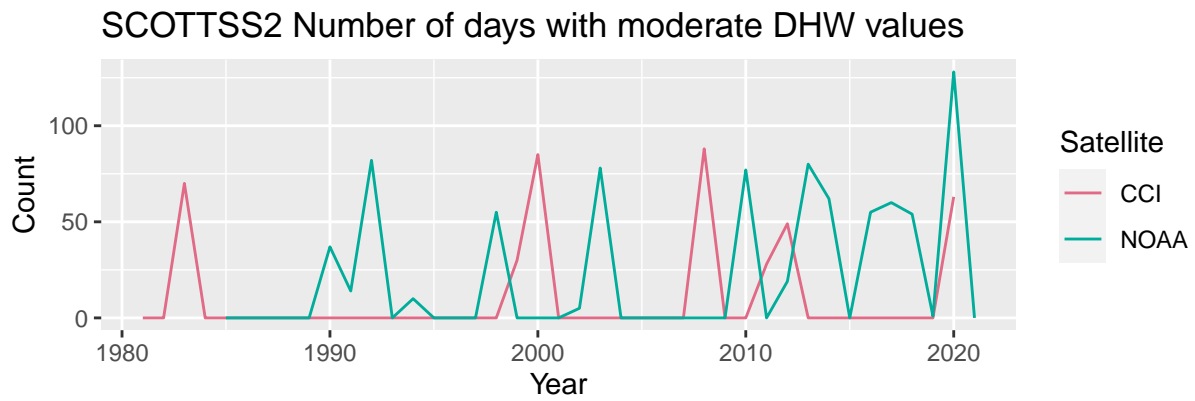


Table 25: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2008	88	2020	128
2000	85	1992	82
1983	70	2013	80
2020	63	2003	78
2012	49	2010	77
1999	30	2014	62
2011	28	2017	60
1981	0	1998	55
1982	0	2016	55
1984	0	2018	54
1985	0	1990	37
1986	0	2012	19
1987	0	1991	14
1988	0	1994	10
1989	0	2002	5
1990	0	2019	1
1991	0	1985	0
1992	0	1986	0
1993	0	1987	0
1994	0	1988	0
1995	0	1989	0
1996	0	1993	0
1997	0	1995	0
1998	0	1996	0
2001	0	1997	0
2002	0	1999	0
2003	0	2000	0
2004	0	2001	0
2005	0	2004	0
2006	0	2005	0
2007	0	2006	0
2009	0	2007	0
2010	0	2008	0
2013	0	2009	0
2014	0	2011	0
2015	0	2015	0
2016	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 26: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2011	125	2016	86
1999	76	1998	30
2012	59	1991	27
2000	55	2013	25
1981	0	1990	7
1982	0	1985	0
1983	0	1986	0
1984	0	1987	0
1985	0	1988	0
1986	0	1989	0
1987	0	1992	0
1988	0	1993	0
1989	0	1994	0
1990	0	1995	0
1991	0	1996	0
1992	0	1997	0
1993	0	1999	0
1994	0	2000	0
1995	0	2001	0
1996	0	2002	0
1997	0	2003	0
1998	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2014	0
2010	0	2015	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

BUN05A Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

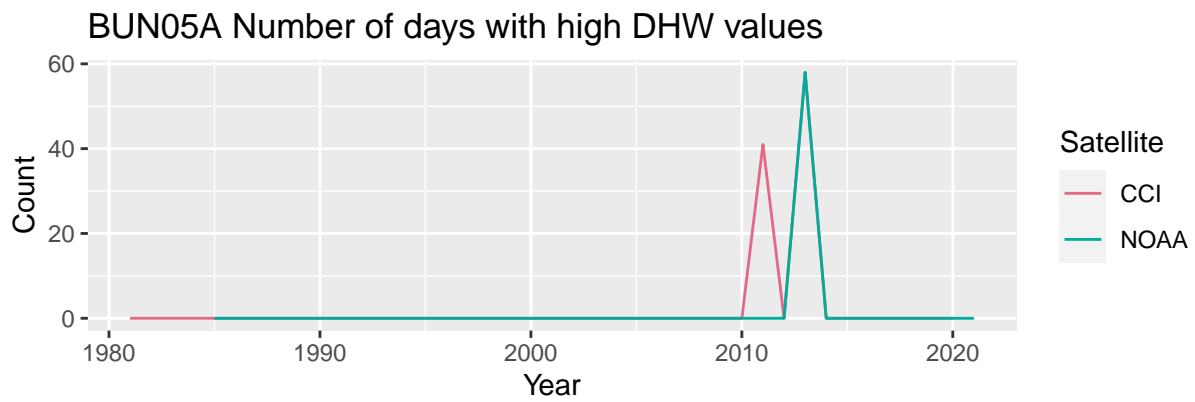
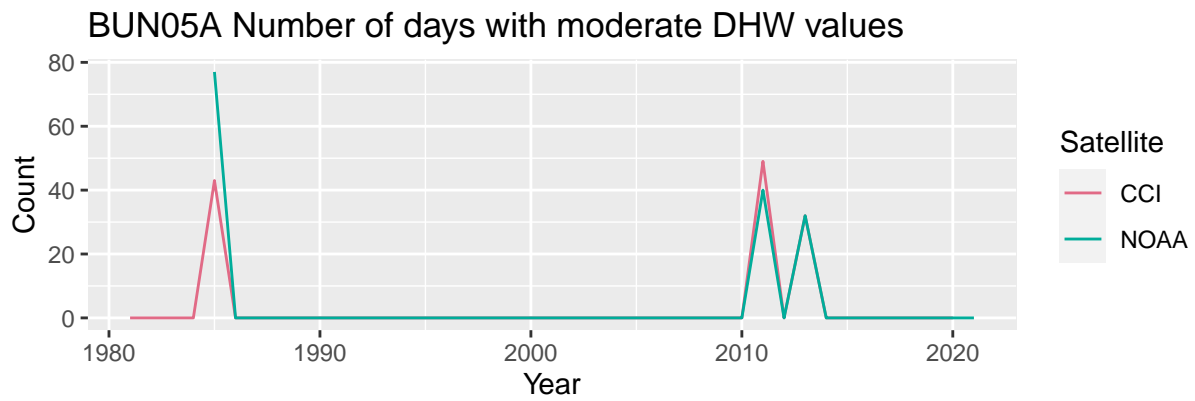


Table 27: Number of Days with moderate Degree Heating Week values

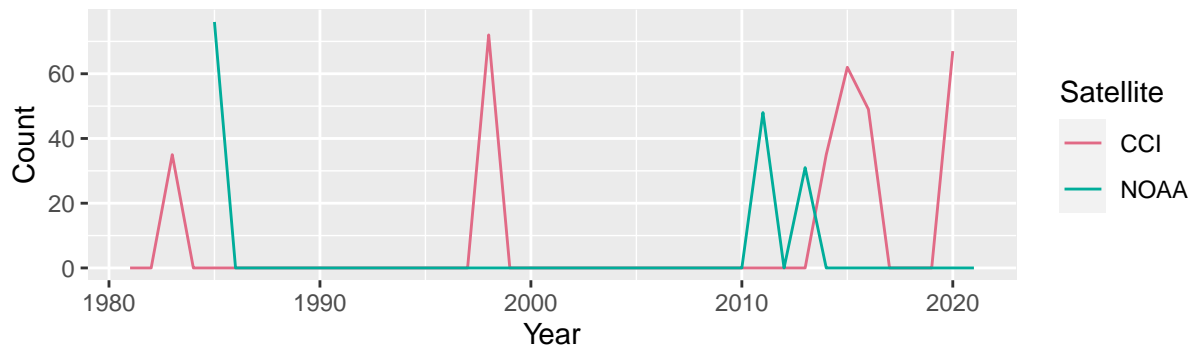
Year	CCI_DHW4	Year	NOAA_DHW4
2011	49	1985	77
1985	43	2011	40
2013	32	2013	32
1981	0	1986	0
1982	0	1987	0
1983	0	1988	0
1984	0	1989	0
1986	0	1990	0
1987	0	1991	0
1988	0	1992	0
1989	0	1993	0
1990	0	1994	0
1991	0	1995	0
1992	0	1996	0
1993	0	1997	0
1994	0	1998	0
1995	0	1999	0
1996	0	2000	0
1997	0	2001	0
1998	0	2002	0
1999	0	2003	0
2000	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2012	0
2008	0	2014	0
2009	0	2015	0
2010	0	2016	0
2012	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

Table 28: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2013	58	2013	58
2011	41	1985	0
1981	0	1986	0
1982	0	1987	0
1983	0	1988	0
1984	0	1989	0
1985	0	1990	0
1986	0	1991	0
1987	0	1992	0
1988	0	1993	0
1989	0	1994	0
1990	0	1995	0
1991	0	1996	0
1992	0	1997	0
1993	0	1998	0
1994	0	1999	0
1995	0	2000	0
1996	0	2001	0
1997	0	2002	0
1998	0	2003	0
1999	0	2004	0
2000	0	2005	0
2001	0	2006	0
2002	0	2007	0
2003	0	2008	0
2004	0	2009	0
2005	0	2010	0
2006	0	2011	0
2007	0	2012	0
2008	0	2014	0
2009	0	2015	0
2010	0	2016	0
2012	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

Bundegi Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

Bundegi (13BND & 08BND) Number of days with moderate DHW values



Bundegi (13BND & 08BND) Number of days with high DHW values

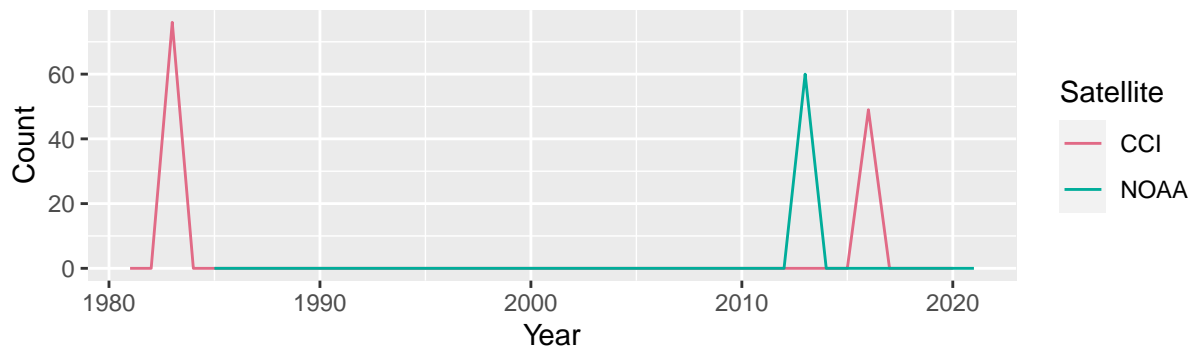


Table 29: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
1998	72	1985	76
2020	67	2011	48
2015	62	2013	31
2016	49	1986	0
1983	35	1987	0
2014	35	1988	0
1981	0	1989	0
1982	0	1990	0
1984	0	1991	0
1985	0	1992	0
1986	0	1993	0
1987	0	1994	0
1988	0	1995	0
1989	0	1996	0
1990	0	1997	0
1991	0	1998	0
1992	0	1999	0
1993	0	2000	0
1994	0	2001	0
1995	0	2002	0
1996	0	2003	0
1997	0	2004	0
1999	0	2005	0
2000	0	2006	0
2001	0	2007	0
2002	0	2008	0
2003	0	2009	0
2004	0	2010	0
2005	0	2012	0
2006	0	2014	0
2007	0	2015	0
2008	0	2016	0
2009	0	2017	0
2010	0	2018	0
2011	0	2019	0
2012	0	2020	0
2013	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 30: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
1983	76	2013	60
2016	49	1985	0
1981	0	1986	0
1982	0	1987	0
1984	0	1988	0
1985	0	1989	0
1986	0	1990	0
1987	0	1991	0
1988	0	1992	0
1989	0	1993	0
1990	0	1994	0
1991	0	1995	0
1992	0	1996	0
1993	0	1997	0
1994	0	1998	0
1995	0	1999	0
1996	0	2000	0
1997	0	2001	0
1998	0	2002	0
1999	0	2003	0
2000	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2014	0
2010	0	2015	0
2011	0	2016	0
2012	0	2017	0
2013	0	2018	0
2014	0	2019	0
2015	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

Tantabiddi Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

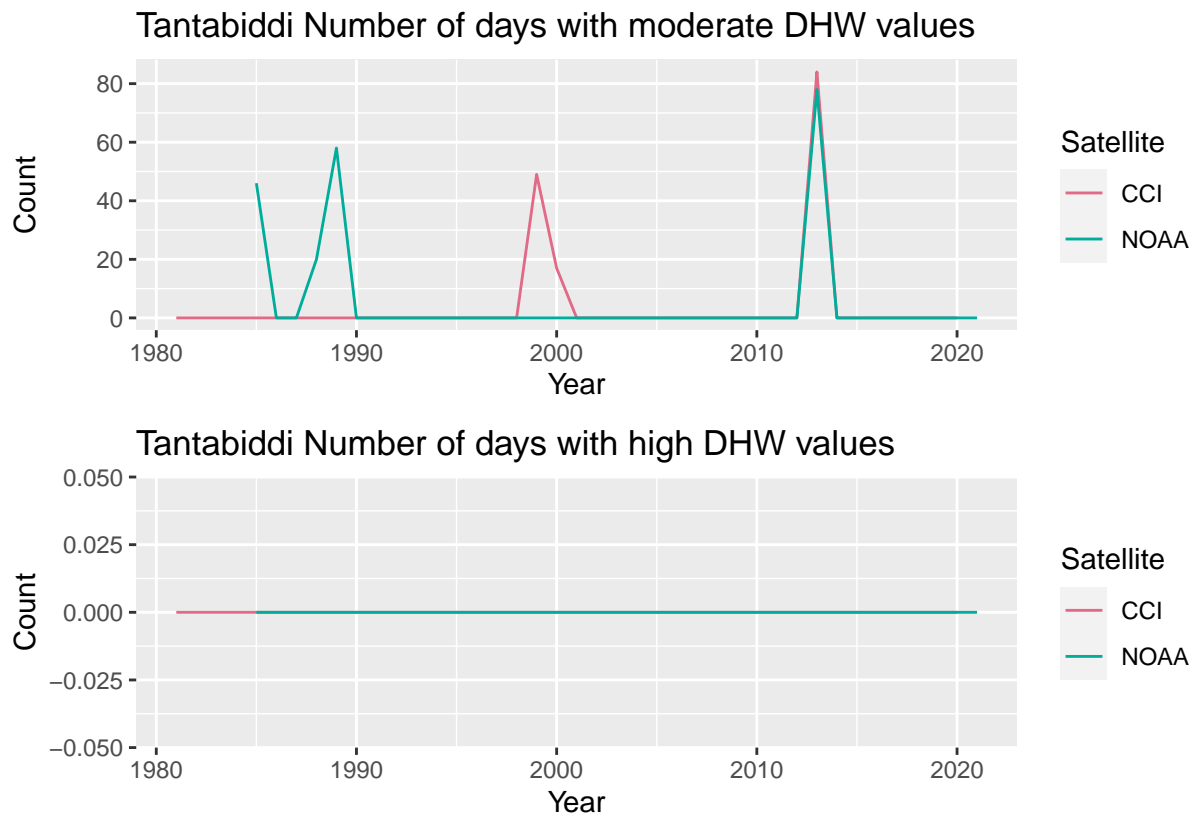


Table 31: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2013	84	2013	78
1999	49	1989	58
2000	17	1985	46
1981	0	1988	20
1982	0	1986	0
1983	0	1987	0
1984	0	1990	0
1985	0	1991	0
1986	0	1992	0
1987	0	1993	0
1988	0	1994	0
1989	0	1995	0
1990	0	1996	0
1991	0	1997	0
1992	0	1998	0
1993	0	1999	0
1994	0	2000	0
1995	0	2001	0
1996	0	2002	0
1997	0	2003	0
1998	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2014	0
2010	0	2015	0
2011	0	2016	0
2012	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

Table 32: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
1981	0	1985	0
1982	0	1986	0
1983	0	1987	0
1984	0	1988	0
1985	0	1989	0
1986	0	1990	0
1987	0	1991	0
1988	0	1992	0
1989	0	1993	0
1990	0	1994	0
1991	0	1995	0
1992	0	1996	0
1993	0	1997	0
1994	0	1998	0
1995	0	1999	0
1996	0	2000	0
1997	0	2001	0
1998	0	2002	0
1999	0	2003	0
2000	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2013	0
2010	0	2014	0
2011	0	2015	0
2012	0	2016	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

TNT Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

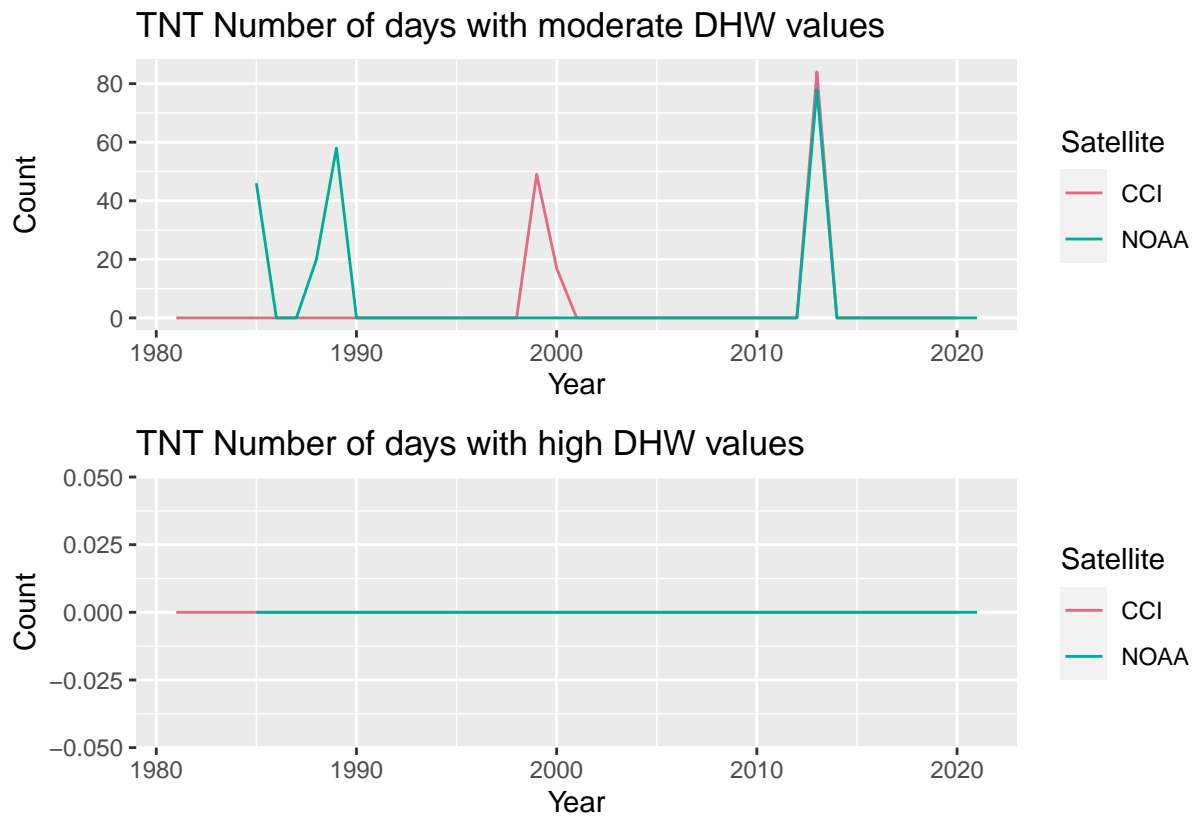


Table 33: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2013	84	2013	78
1999	49	1989	58
2000	17	1985	46
1981	0	1988	20
1982	0	1986	0
1983	0	1987	0
1984	0	1990	0
1985	0	1991	0
1986	0	1992	0
1987	0	1993	0
1988	0	1994	0
1989	0	1995	0
1990	0	1996	0
1991	0	1997	0
1992	0	1998	0
1993	0	1999	0
1994	0	2000	0
1995	0	2001	0
1996	0	2002	0
1997	0	2003	0
1998	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2014	0
2010	0	2015	0
2011	0	2016	0
2012	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

Table 34: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
1981	0	1985	0
1982	0	1986	0
1983	0	1987	0
1984	0	1988	0
1985	0	1989	0
1986	0	1990	0
1987	0	1991	0
1988	0	1992	0
1989	0	1993	0
1990	0	1994	0
1991	0	1995	0
1992	0	1996	0
1993	0	1997	0
1994	0	1998	0
1995	0	1999	0
1996	0	2000	0
1997	0	2001	0
1998	0	2002	0
1999	0	2003	0
2000	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2013	0
2010	0	2014	0
2011	0	2015	0
2012	0	2016	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

TNT07C Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

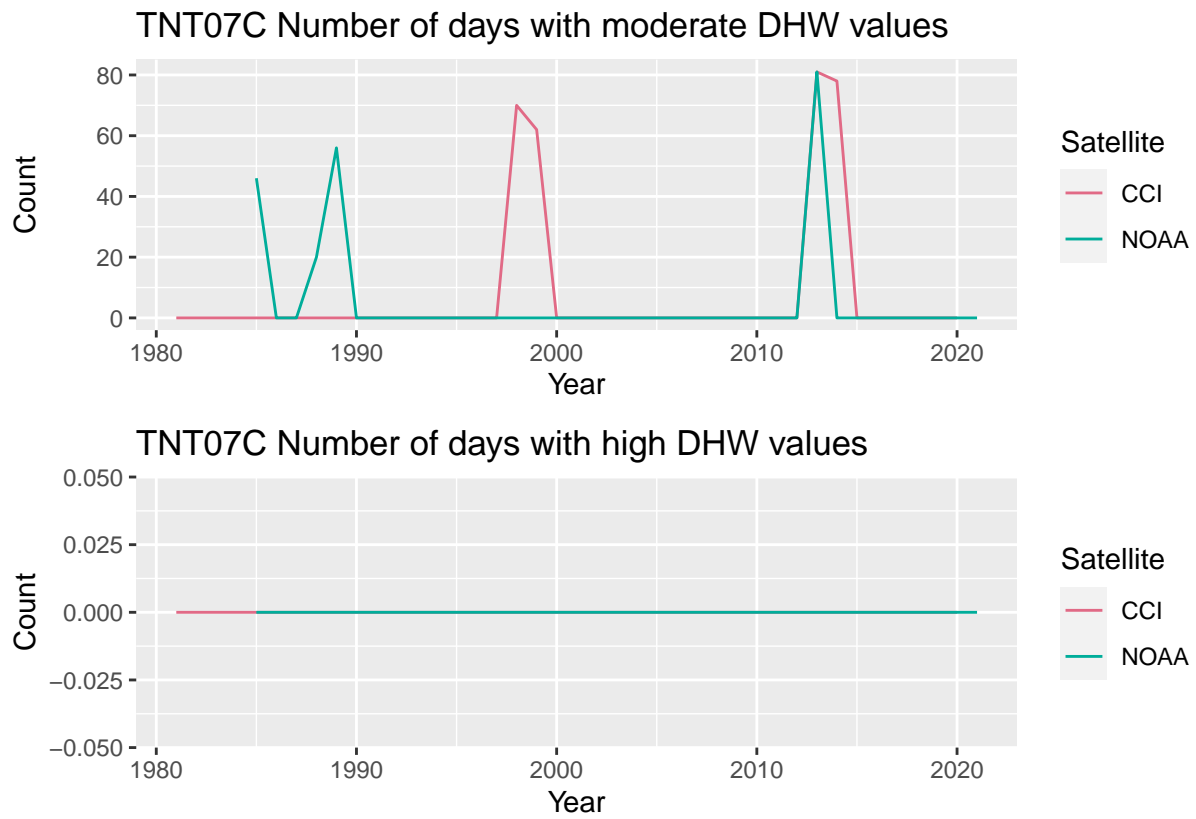


Table 35: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2013	81	2013	81
2014	78	1989	56
1998	70	1985	46
1999	62	1988	20
1981	0	1986	0
1982	0	1987	0
1983	0	1990	0
1984	0	1991	0
1985	0	1992	0
1986	0	1993	0
1987	0	1994	0
1988	0	1995	0
1989	0	1996	0
1990	0	1997	0
1991	0	1998	0
1992	0	1999	0
1993	0	2000	0
1994	0	2001	0
1995	0	2002	0
1996	0	2003	0
1997	0	2004	0
2000	0	2005	0
2001	0	2006	0
2002	0	2007	0
2003	0	2008	0
2004	0	2009	0
2005	0	2010	0
2006	0	2011	0
2007	0	2012	0
2008	0	2014	0
2009	0	2015	0
2010	0	2016	0
2011	0	2017	0
2012	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

Table 36: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
1981	0	1985	0
1982	0	1986	0
1983	0	1987	0
1984	0	1988	0
1985	0	1989	0
1986	0	1990	0
1987	0	1991	0
1988	0	1992	0
1989	0	1993	0
1990	0	1994	0
1991	0	1995	0
1992	0	1996	0
1993	0	1997	0
1994	0	1998	0
1995	0	1999	0
1996	0	2000	0
1997	0	2001	0
1998	0	2002	0
1999	0	2003	0
2000	0	2004	0
2001	0	2005	0
2002	0	2006	0
2003	0	2007	0
2004	0	2008	0
2005	0	2009	0
2006	0	2010	0
2007	0	2011	0
2008	0	2012	0
2009	0	2013	0
2010	0	2014	0
2011	0	2015	0
2012	0	2016	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

Wallabi Island Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

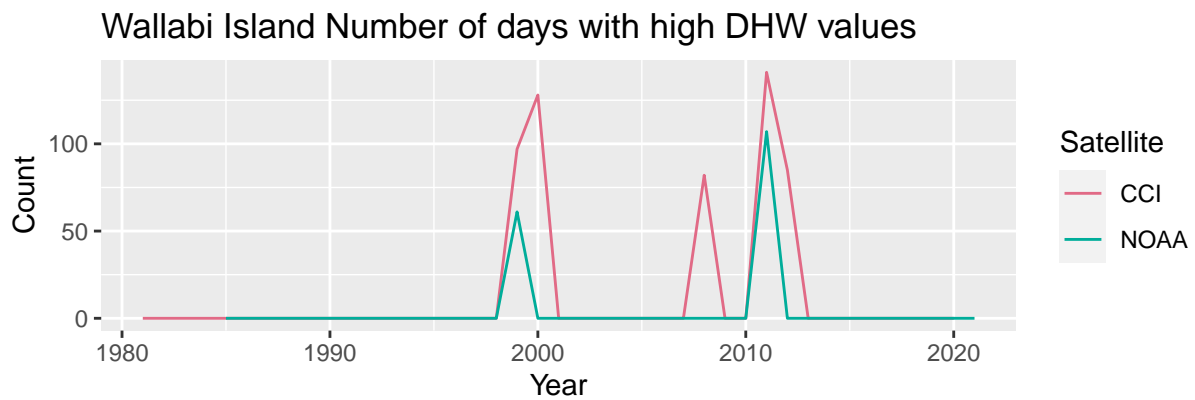
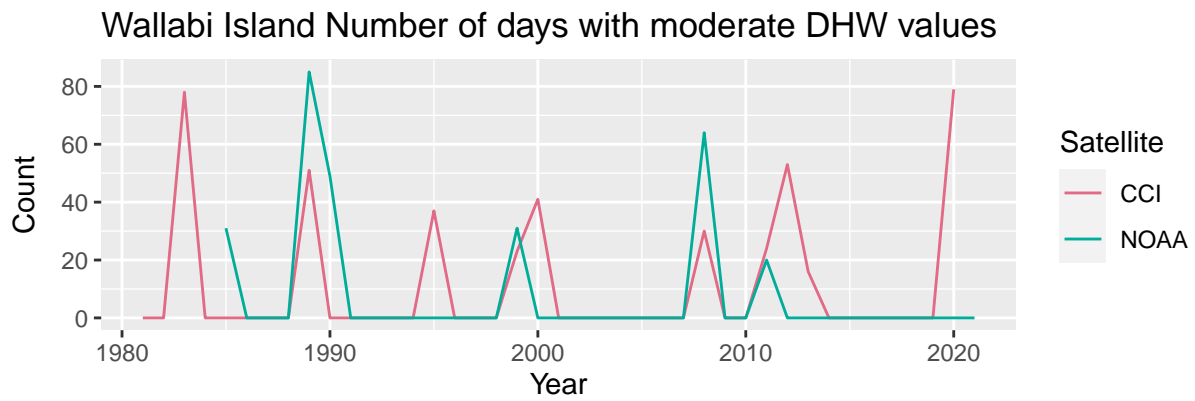


Table 37: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2020	79	1989	85
1983	78	2008	64
2012	53	1990	49
1989	51	1985	31
2000	41	1999	31
1995	37	2011	20
2008	30	1986	0
2011	24	1987	0
1999	23	1988	0
2013	16	1991	0
1981	0	1992	0
1982	0	1993	0
1984	0	1994	0
1985	0	1995	0
1986	0	1996	0
1987	0	1997	0
1988	0	1998	0
1990	0	2000	0
1991	0	2001	0
1992	0	2002	0
1993	0	2003	0
1994	0	2004	0
1996	0	2005	0
1997	0	2006	0
1998	0	2007	0
2001	0	2009	0
2002	0	2010	0
2003	0	2012	0
2004	0	2013	0
2005	0	2014	0
2006	0	2015	0
2007	0	2016	0
2009	0	2017	0
2010	0	2018	0
2014	0	2019	0
2015	0	2020	0
2016	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 38: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2011	141	2011	107
2000	128	1999	61
1999	97	1985	0
2012	85	1986	0
2008	82	1987	0
1981	0	1988	0
1982	0	1989	0
1983	0	1990	0
1984	0	1991	0
1985	0	1992	0
1986	0	1993	0
1987	0	1994	0
1988	0	1995	0
1989	0	1996	0
1990	0	1997	0
1991	0	1998	0
1992	0	2000	0
1993	0	2001	0
1994	0	2002	0
1995	0	2003	0
1996	0	2004	0
1997	0	2005	0
1998	0	2006	0
2001	0	2007	0
2002	0	2008	0
2003	0	2009	0
2004	0	2010	0
2005	0	2012	0
2006	0	2013	0
2007	0	2014	0
2009	0	2015	0
2010	0	2016	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

HAB05B Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

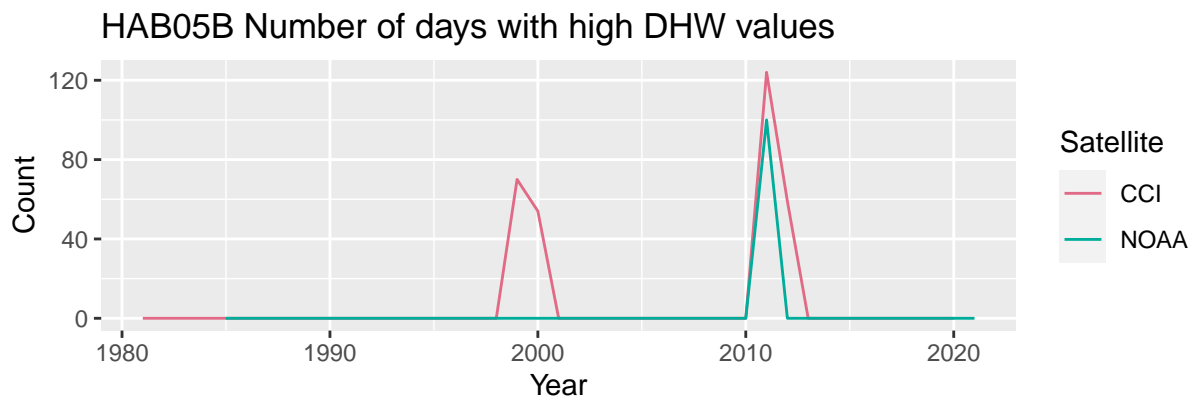
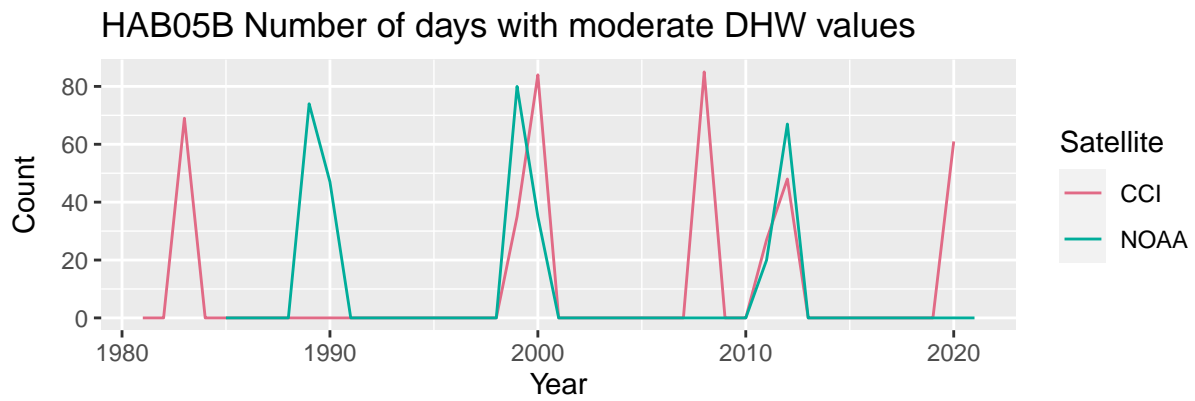


Table 39: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2008	85	1999	80
2000	84	1989	74
1983	69	2012	67
2020	61	1990	47
2012	48	2000	35
1999	35	2011	20
2011	27	1985	0
1981	0	1986	0
1982	0	1987	0
1984	0	1988	0
1985	0	1991	0
1986	0	1992	0
1987	0	1993	0
1988	0	1994	0
1989	0	1995	0
1990	0	1996	0
1991	0	1997	0
1992	0	1998	0
1993	0	2001	0
1994	0	2002	0
1995	0	2003	0
1996	0	2004	0
1997	0	2005	0
1998	0	2006	0
2001	0	2007	0
2002	0	2008	0
2003	0	2009	0
2004	0	2010	0
2005	0	2013	0
2006	0	2014	0
2007	0	2015	0
2009	0	2016	0
2010	0	2017	0
2013	0	2018	0
2014	0	2019	0
2015	0	2020	0
2016	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 40: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2011	124	2011	100
1999	70	1985	0
2012	59	1986	0
2000	54	1987	0
1981	0	1988	0
1982	0	1989	0
1983	0	1990	0
1984	0	1991	0
1985	0	1992	0
1986	0	1993	0
1987	0	1994	0
1988	0	1995	0
1989	0	1996	0
1990	0	1997	0
1991	0	1998	0
1992	0	1999	0
1993	0	2000	0
1994	0	2001	0
1995	0	2002	0
1996	0	2003	0
1997	0	2004	0
1998	0	2005	0
2001	0	2006	0
2002	0	2007	0
2003	0	2008	0
2004	0	2009	0
2005	0	2010	0
2006	0	2012	0
2007	0	2013	0
2008	0	2014	0
2009	0	2015	0
2010	0	2016	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA

HAB10A Yearly Sum of Moderate and High DHW Values in CCI and NOAA data

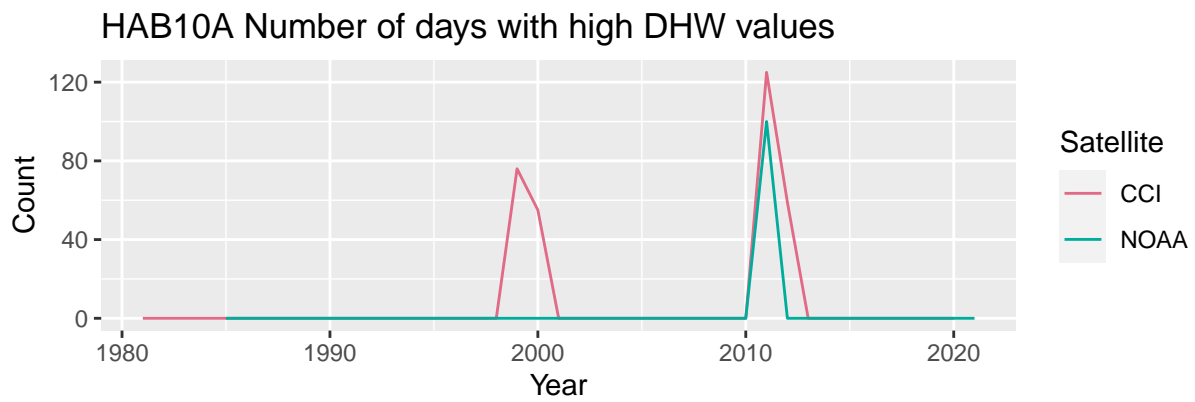
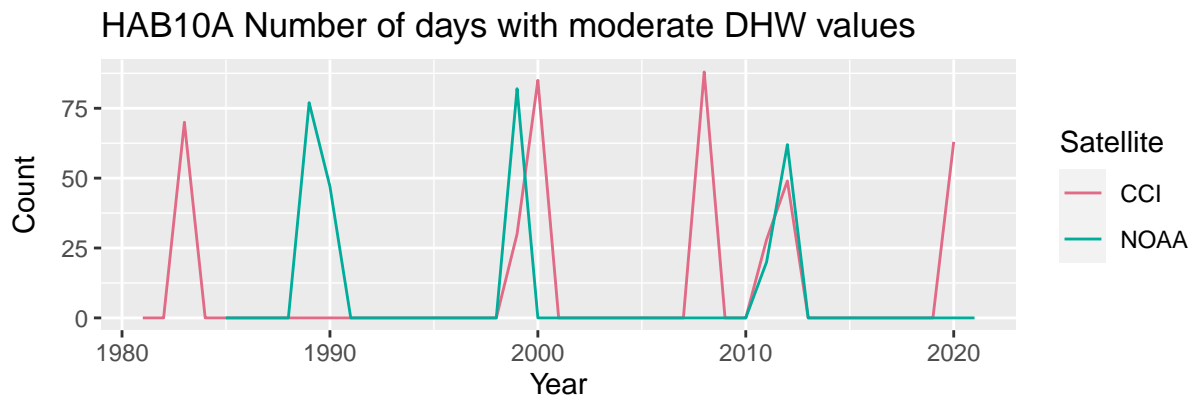


Table 41: Number of Days with moderate Degree Heating Week values

Year	CCI_DHW4	Year	NOAA_DHW4
2008	85	1999	82
2000	84	1989	77
1983	69	2012	62
2020	61	1990	47
2012	48	2011	20
1999	35	1985	0
2011	27	1986	0
1981	0	1987	0
1982	0	1988	0
1984	0	1991	0
1985	0	1992	0
1986	0	1993	0
1987	0	1994	0
1988	0	1995	0
1989	0	1996	0
1990	0	1997	0
1991	0	1998	0
1992	0	2000	0
1993	0	2001	0
1994	0	2002	0
1995	0	2003	0
1996	0	2004	0
1997	0	2005	0
1998	0	2006	0
2001	0	2007	0
2002	0	2008	0
2003	0	2009	0
2004	0	2010	0
2005	0	2013	0
2006	0	2014	0
2007	0	2015	0
2009	0	2016	0
2010	0	2017	0
2013	0	2018	0
2014	0	2019	0
2015	0	2020	0
2016	0	2021	0
2017	0	1981	NA
2018	0	1982	NA
2019	0	1983	NA
2021	NA	1984	NA

Table 42: Number of Days with high Degree Heating Week values

Year	CCI_DHW8	Year	NOAA_DHW8
2011	125	2011	100
1999	76	1985	0
2012	59	1986	0
2000	55	1987	0
1981	0	1988	0
1982	0	1989	0
1983	0	1990	0
1984	0	1991	0
1985	0	1992	0
1986	0	1993	0
1987	0	1994	0
1988	0	1995	0
1989	0	1996	0
1990	0	1997	0
1991	0	1998	0
1992	0	1999	0
1993	0	2000	0
1994	0	2001	0
1995	0	2002	0
1996	0	2003	0
1997	0	2004	0
1998	0	2005	0
2001	0	2006	0
2002	0	2007	0
2003	0	2008	0
2004	0	2009	0
2005	0	2010	0
2006	0	2012	0
2007	0	2013	0
2008	0	2014	0
2009	0	2015	0
2010	0	2016	0
2013	0	2017	0
2014	0	2018	0
2015	0	2019	0
2016	0	2020	0
2017	0	2021	0
2018	0	1981	NA
2019	0	1982	NA
2020	0	1983	NA
2021	NA	1984	NA