Rajkot Climatology & Records

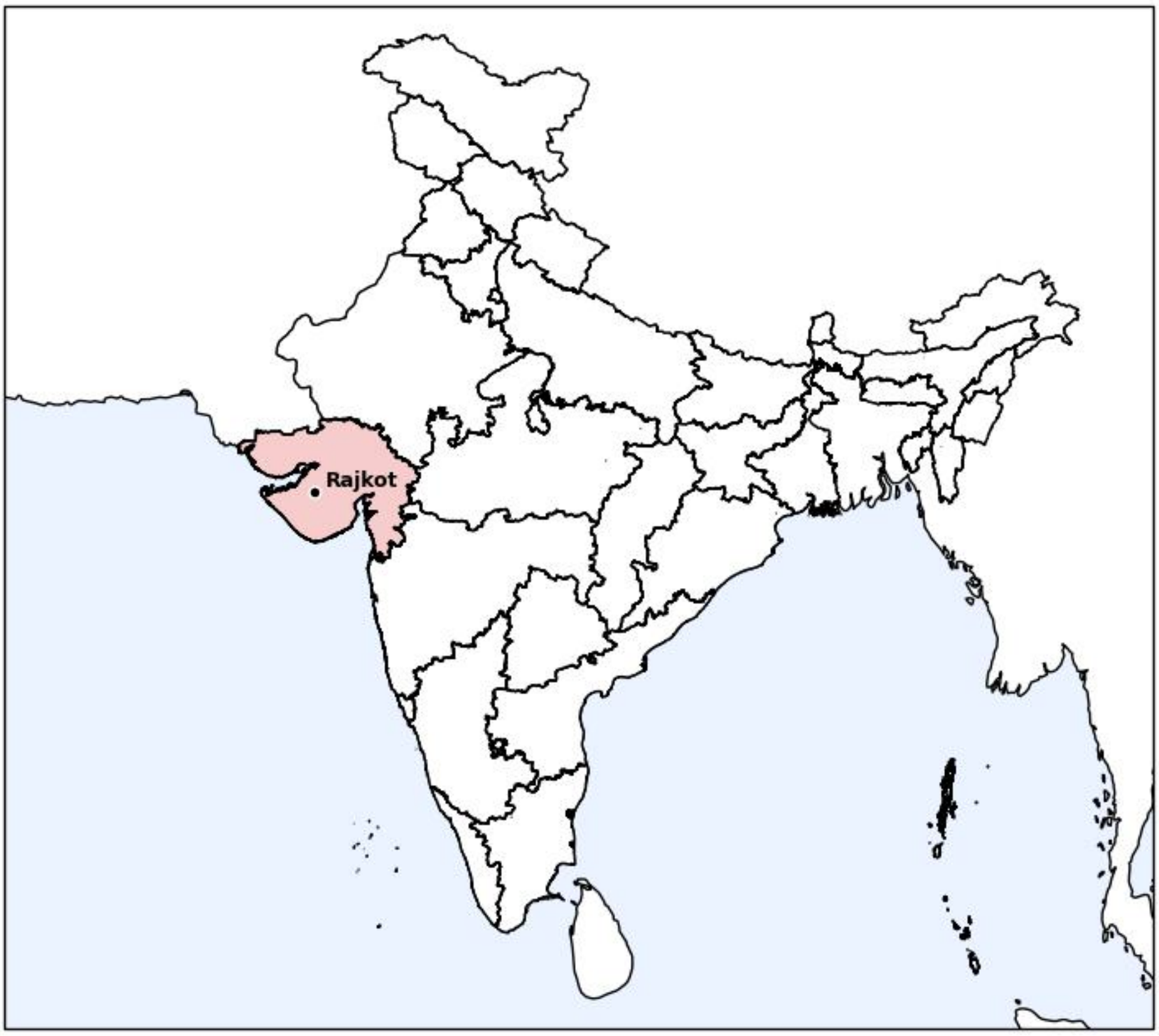
Temperature Series & ENSO State Report

Data Source: IMD Pune Temperature | ERSST.v6 SST

Climate Analysis By GujaratWeather.com

KOLA: Kathiawar Ocean & Land Atmosphere – Experimental Weather Mapping Platform

GUJARAT | 22.30°N, 70.78°E



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Report Generated: 04 November 2026

Product Notes: Values represent monthly mean temperature estimates derived from interpolated IMD 1°×1° gridded daily temperature data at the specified coordinates and may differ from station observations.
DTR = Diurnal Temperature Range (Tmax − Tmin). Trend values denote linear change per decade over 1951–2025.
RONI (Relative Oceanic Niño Index) is an ENSO indicator derived from ERSSTv6 sea surface temperature anomalies.
RONIave is derived using the KOLA methodology and it represents the mean of five overlapping seasonal Relative Oceanic Niño Index (RONI) values, aligned such that the ending month of the final overlapping season coincides with the plotted calendar month.

Disclaimer: This is not an official product of the India Meteorological Department (IMD).
Refer to official IMD products for operational and authoritative information.
This dataset has been locally processed by GujaratWeather.com and is intended for personal and research use only.

Rajkot

Temperature Trends Summary (1951-2025)

Data: IMD Pune Temperature | ERSSTv.6 SST

Climate Analysis by GujaratWeather.com

KOLA: Kathiawar Ocean & Land Atmosphere – Experimental Weather Mapping Platform

Rajkot Monthly and Annual Linear Trends (°C/Decade)

Month	Tmax Trend	Tmin Trend	DTR Trend
January	0.035	0.148	-0.113
February	0.158	0.263	-0.105
March	0.169	0.222	-0.053
April	0.185	0.22	-0.034
May	0.066	0.157	-0.09
June	0.107	0.103	0.005
July	0.055	0.1	-0.045
August	0.106	0.091	0.014
September	0.111	0.153	-0.042
October	0.063	0.209	-0.146
November	0.068	0.193	-0.126
December	0.025	0.144	-0.119
Annual	0.095	0.166	-0.071

Rajkot

Mean Temperature Records (1951-2025)

Data: IMD Pune Temperature

Climate Analysis by GujaratWeather.com

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Rajkot Monthly & Annual Lowest/Highest Tmin/Tmax Records (°C)

Month	Lowest Tmin	Highest Tmin	Lowest Tmax	Highest Tmax
January	1962 10.3°C	1965 14.9°C	1964 26.2°C	1990 30.3°C
February	1972 11.3°C	2007 17.3°C	1972 27.1°C	2006 33.6°C
March	1975 16.6°C	2016 21.2°C	1960 32.1°C	2004 37.3°C
April	1955 20.9°C	2010 24.3°C	1983 34.3°C	2025 39.6°C
May	1968 24.0°C	2016 27.2°C	2000 36.6°C	2010 40.1°C
June	1961 25.6°C	2016 27.8°C	1971 33.9°C	1995 38.2°C
July	1956 24.5°C	2019 27.0°C	1956 29.7°C	1987 35.4°C
August	1956 23.8°C	1987 26.2°C	1984 29.3°C	1987 34.4°C
September	1994 22.8°C	2020 25.4°C	1973 30.3°C	1987 35.1°C
October	1962 19.8°C	2024 24.7°C	1975 32.3°C	2002 37.6°C
November	1983 15.0°C	1976 20.6°C	1981 29.5°C	2018 34.3°C
December	1970 11.1°C	2008 16.9°C	1997 26.7°C	2016 31.4°C
Annual	1972 19.8°C	2024 22.1°C	1983 32.0°C	1987 34.4°C

Rajkot

Daily Temperature Records (1951-2025)

Data: IMD Pune 1°×1° Gridded Temperature

Climate Analysis by GujaratWeather.com

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Monthly & Annual Daily Tmax/Tmin Records

Month	Lowest Tmin	Highest Tmin	Lowest Tmax	Highest Tmax
January	22-Jan-1962 5.3°C	22-Jan-2022 19.2°C	01-Jan-1991 20.9°C	28-Jan-1991 34.4°C
February	07-Feb-1974 6.2°C	28-Feb-1955 22.3°C	07-Feb-2008 20.0°C	18-Feb-2017 37.6°C
March	09-Mar-1979 10.6°C	29-Mar-2015 25.4°C	01-Mar-2015 25.4°C	19-Mar-2010 41.7°C
April	10-Apr-1951 16.0°C	27-Apr-1958 27.6°C	03-Apr-1997 30.7°C	13-Apr-2017 43.3°C
May	02-May-1979 19.7°C	22-May-2010 28.6°C	18-May-2021 28.7°C	04-May-2002 43.8°C
June	01-Jun-1997 20.9°C	10-Jun-1988 29.4°C	17-Jun-2001 27.9°C	02-Jun-1991 42.0°C
July	29-Jul-1959 23.4°C	05-Jul-1953 28.4°C	28-Jul-2015 26.7°C	05-Jul-2009 38.2°C
August	31-Aug-1968 22.4°C	03-Aug-2020 27.4°C	18-Aug-1981 25.7°C	17-Aug-1987 37.2°C
September	25-Sep-1972 20.1°C	19-Sep-2020 26.7°C	15-Sep-1984 26.5°C	30-Sep-1951 39.1°C
October	27-Oct-1964 15.9°C	16-Oct-2020 27.1°C	28-Oct-2025 27.1°C	09-Oct-2002 40.1°C
November	30-Nov-1970 10.9°C	03-Nov-2025 24.8°C	23-Nov-2010 21.6°C	01-Nov-2024 37.3°C
December	28-Dec-1983 6.0°C	05-Dec-2008 21.8°C	31-Dec-1990 21.5°C	17-Dec-2002 35.1°C
Annual	22-Jan-1962 5.3°C	10-Jun-1988 29.4°C	07-Feb-2008 20.0°C	04-May-2002 43.8°C

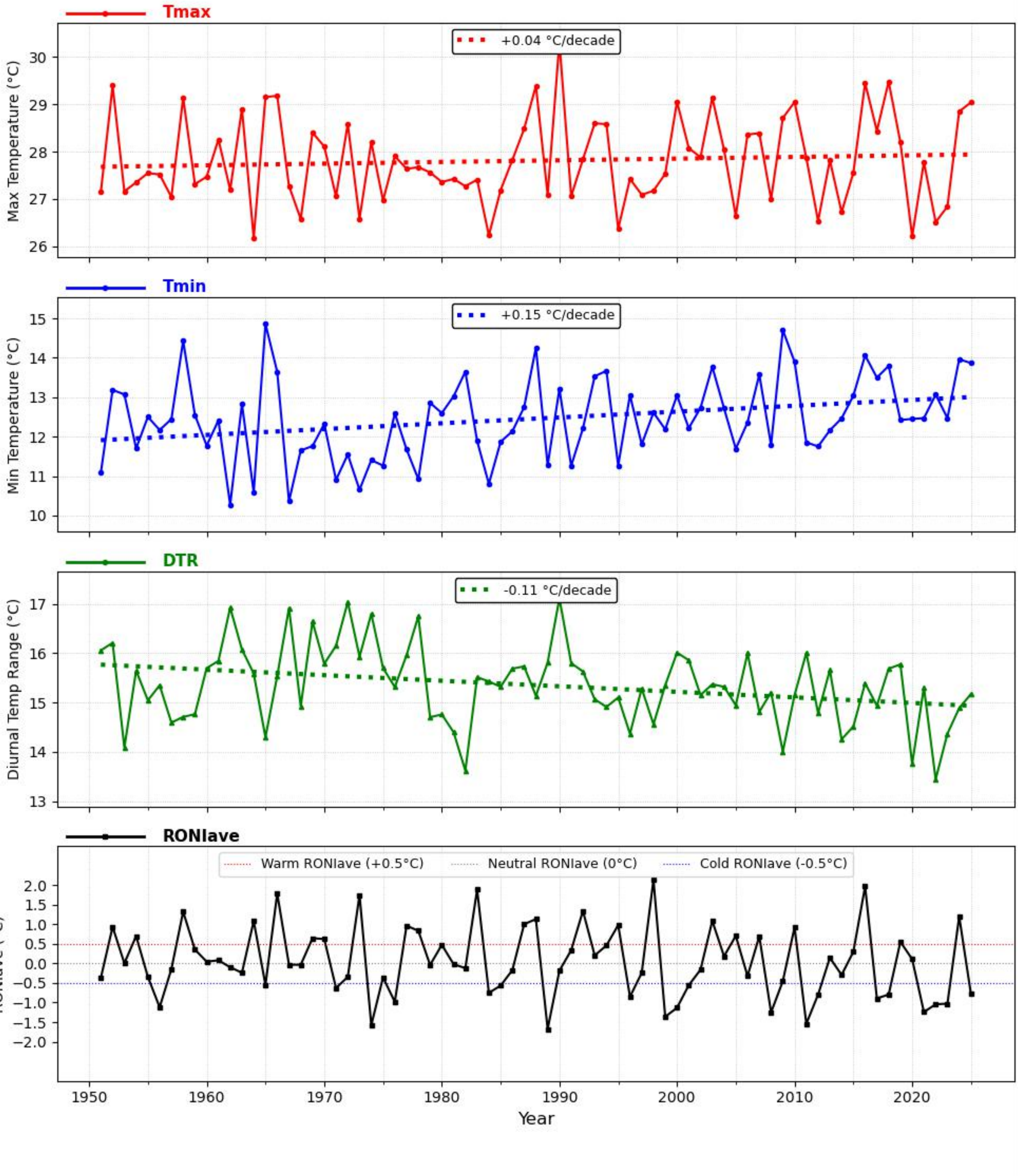
Rajkot January

Mean TMAX, TMIN, DTR & RONIave Series

Data: IMD Pune Temperature | ERSSTv.6 SST

Climate Analysis by GujaratWeather.com

KOLA: Kathiawar Ocean & Land Atmosphere – Experimental Weather Mapping Platform



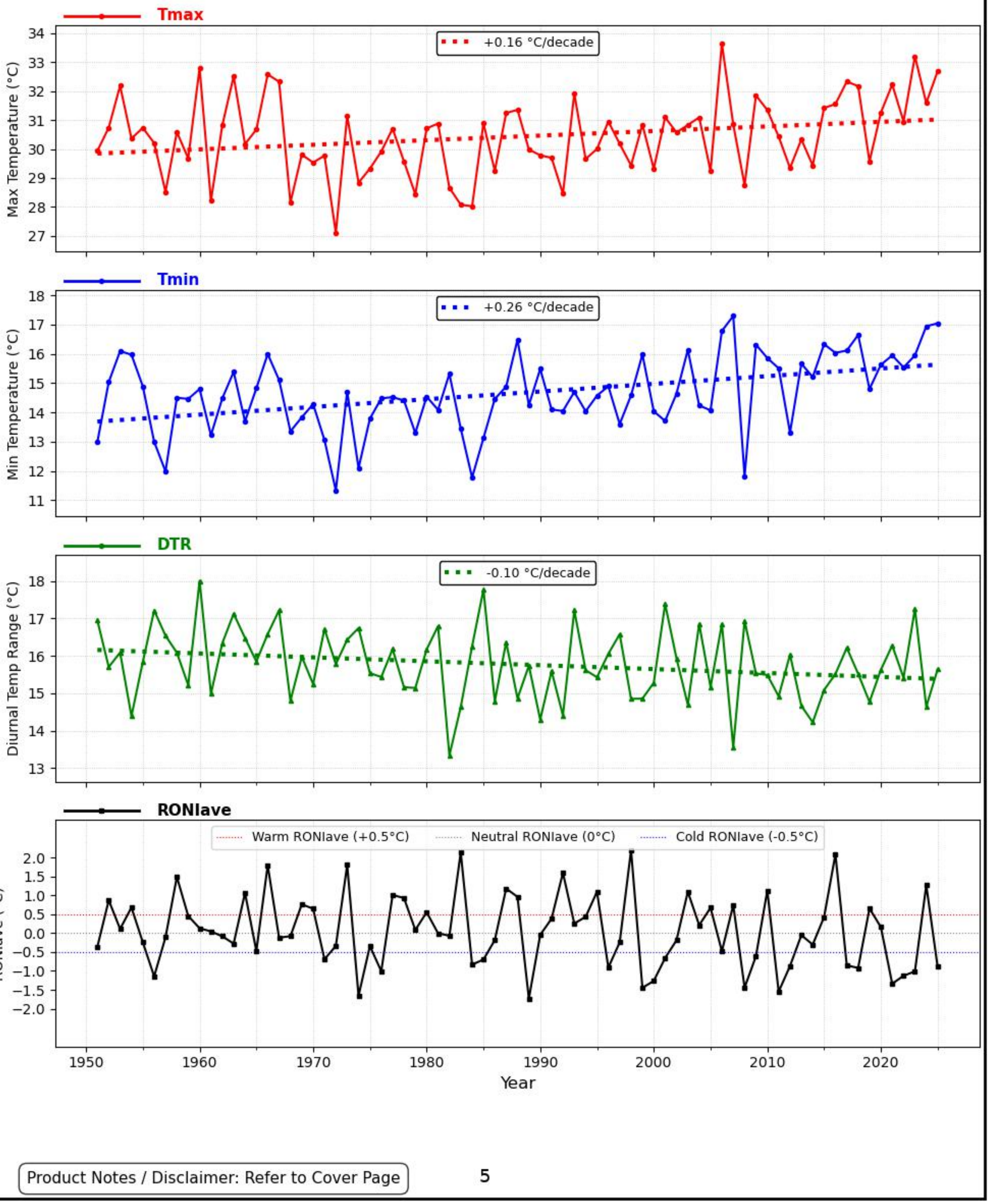
Rajkot February

Mean TMAX, TMIN, DTR & RONIave Series

Data: IMD Pune Temperature | ERSSTv.6 SST

Climate Analysis by GujaratWeather.com

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Rajkot March

Mean TMAX, TMIN, DTR & RONIave Series

Data: IMD Pune Temperature | ERSSTv.6 SST

Climate Analysis by GujaratWeather.com

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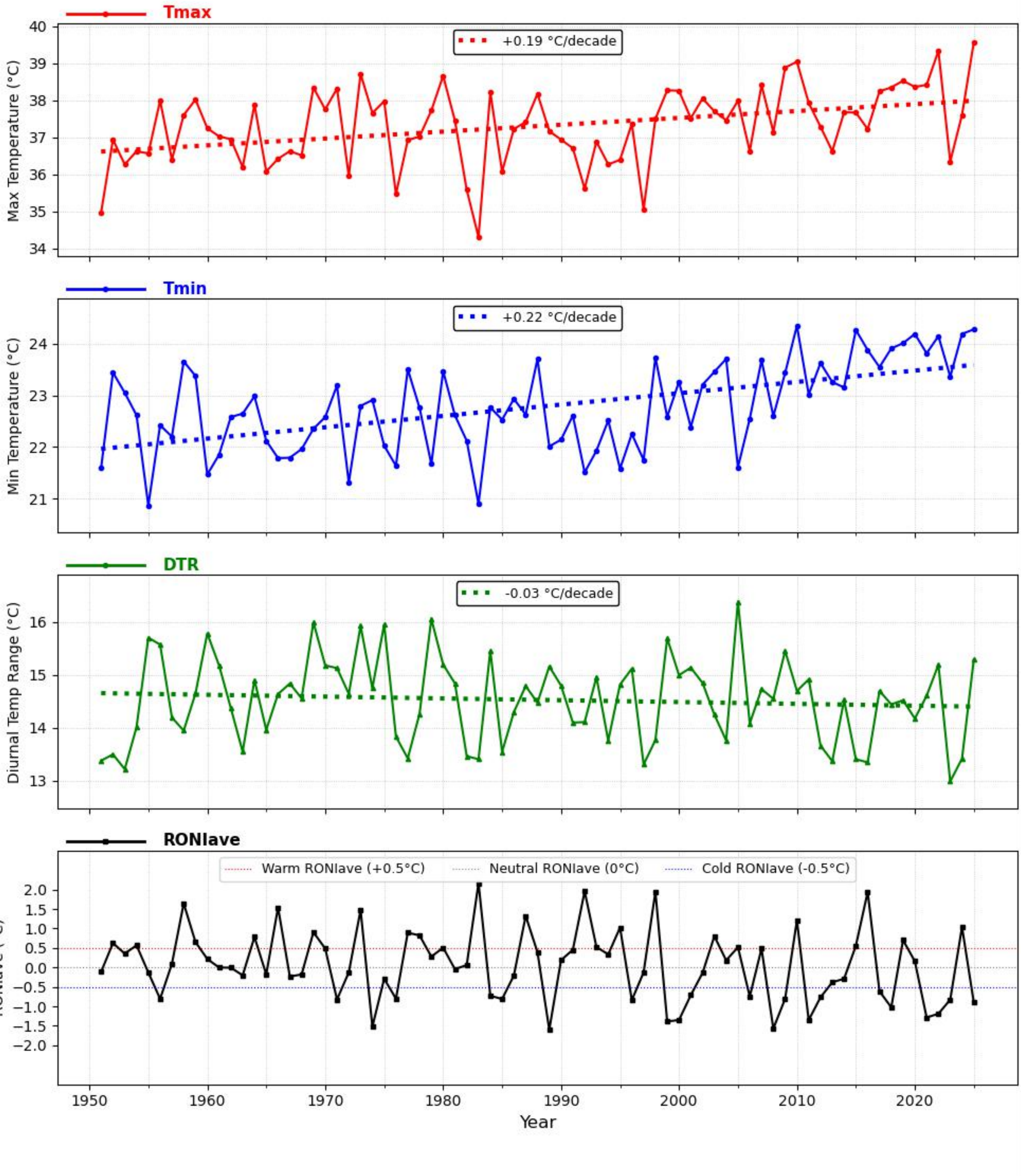
Rajkot April

Mean TMAX, TMIN, DTR & RONIave Series

Data: IMD Pune Temperature | ERSSTv.6 SST

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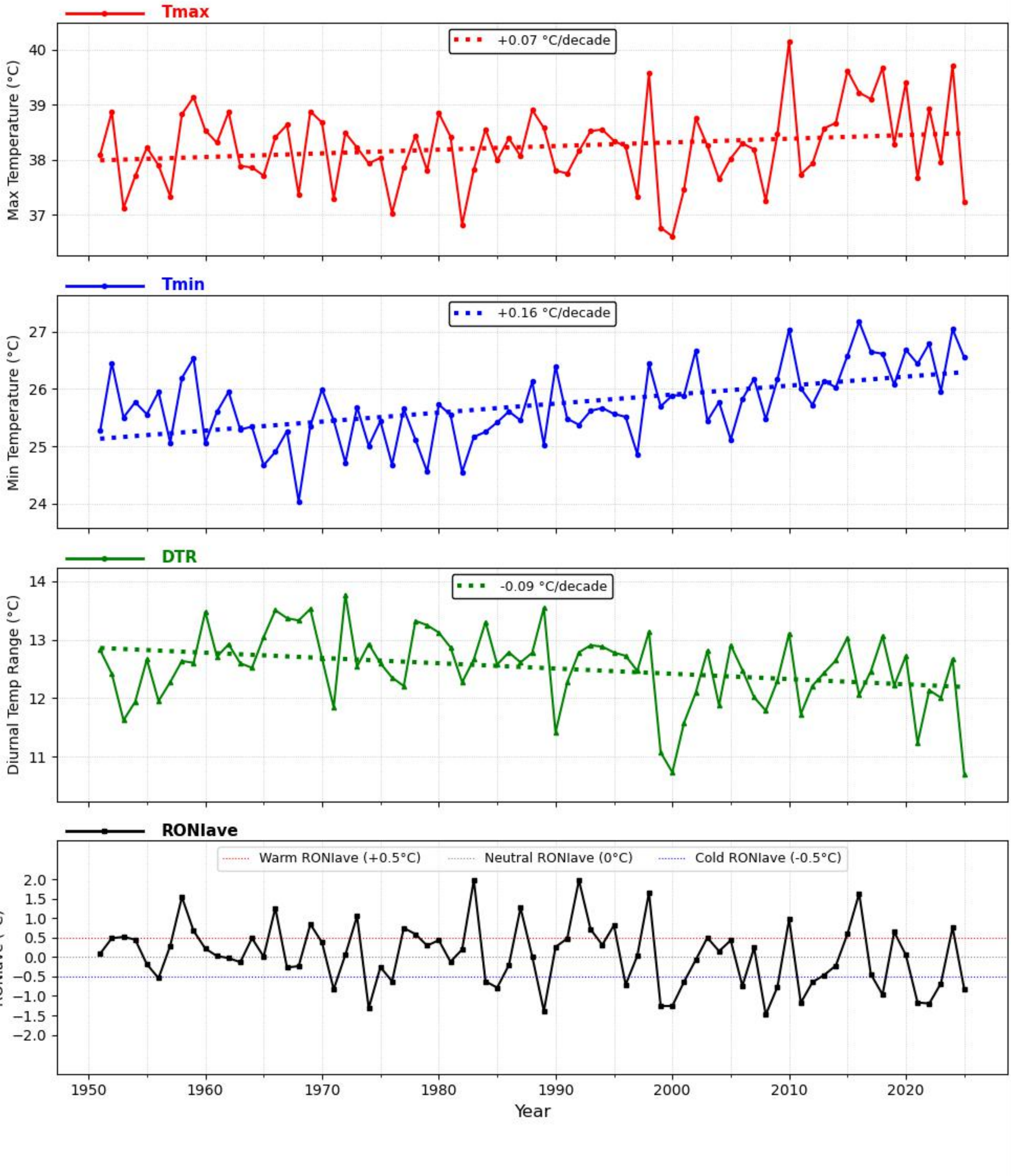
Rajkot May

Mean TMAX, TMIN, DTR & RONIave Series

Data: IMD Pune Temperature | ERSSTv.6 SST

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Rajkot June

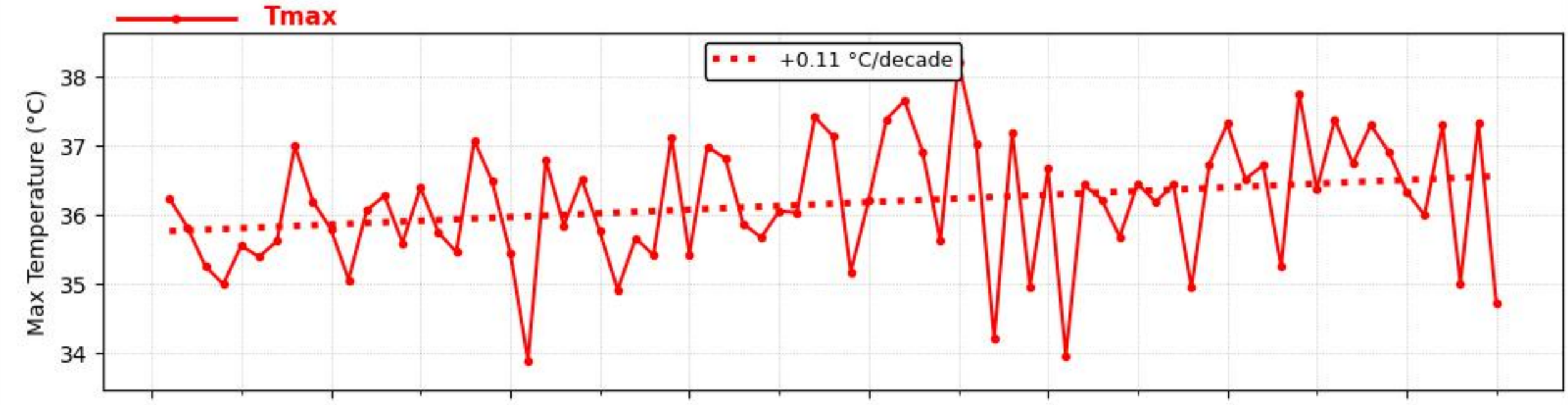
Mean TMAX, TMIN, DTR & RONIave Series

Data: IMD Pune Temperature | ERSSTv.6 SST

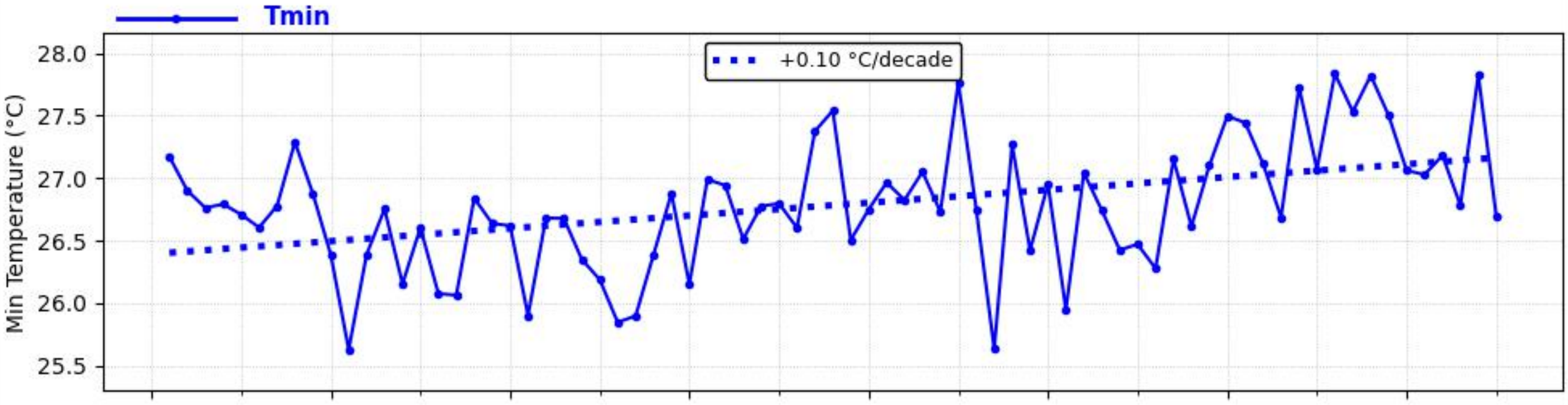
Climate Analysis by GujaratWeather.com

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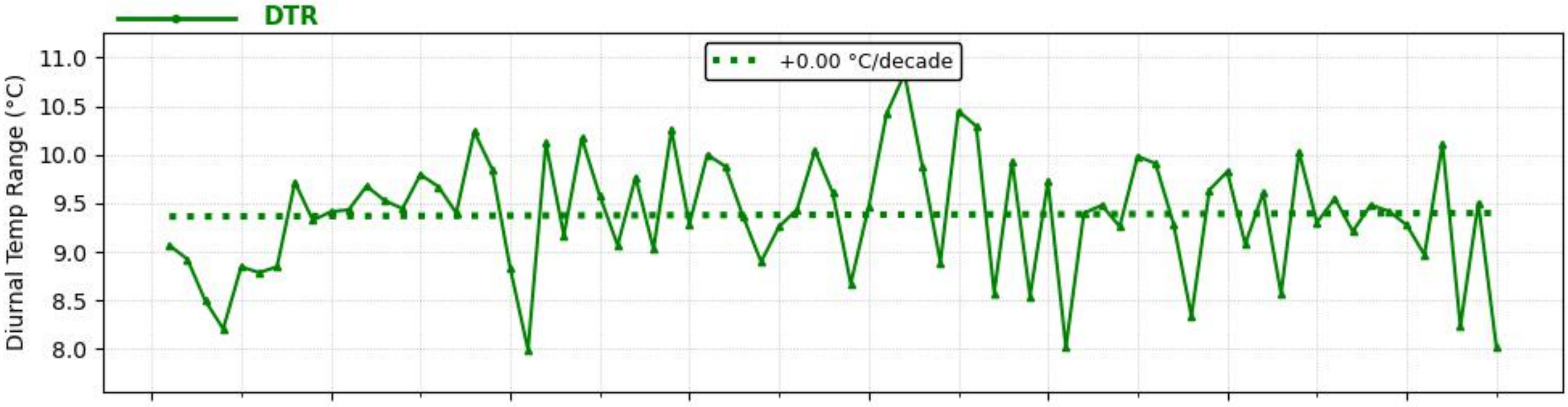
Tmax



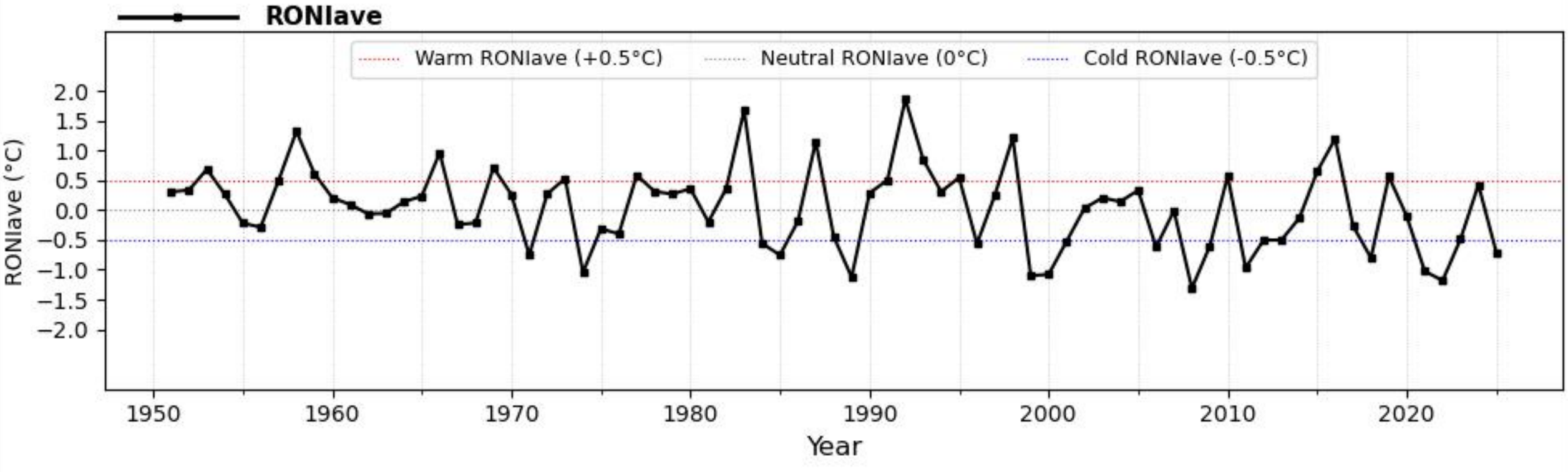
Tmin



DTR



RONIave



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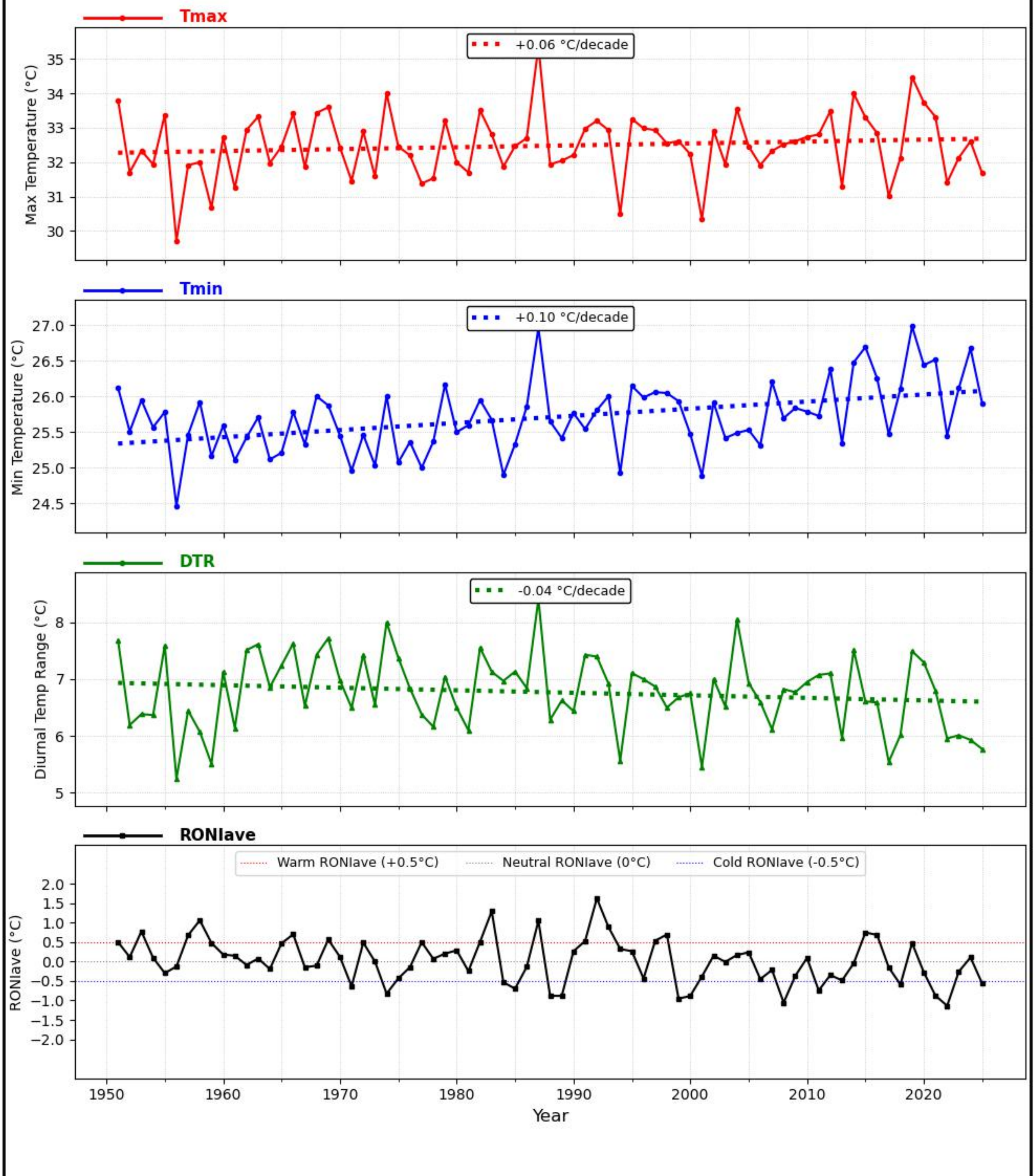
Rajkot July

Mean TMAX, TMIN, DTR & RONIave Series

Data: IMD Pune Temperature | ERSSTv.6 SST

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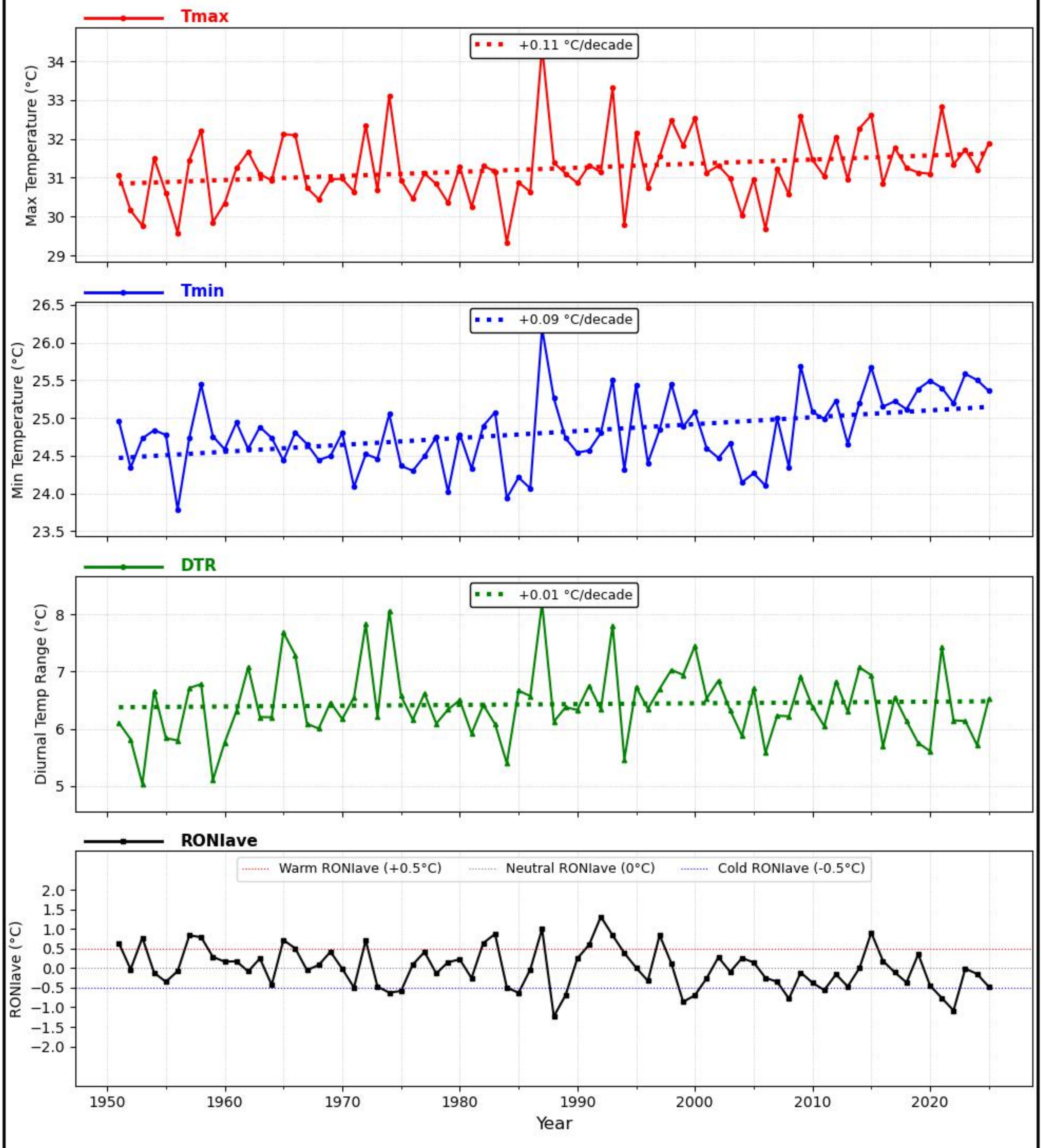
Rajkot August

Mean TMAX, TMIN, DTR & RONIave Series

Data: IMD Pune Temperature | ERSSTv.6 SST

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Rajkot September

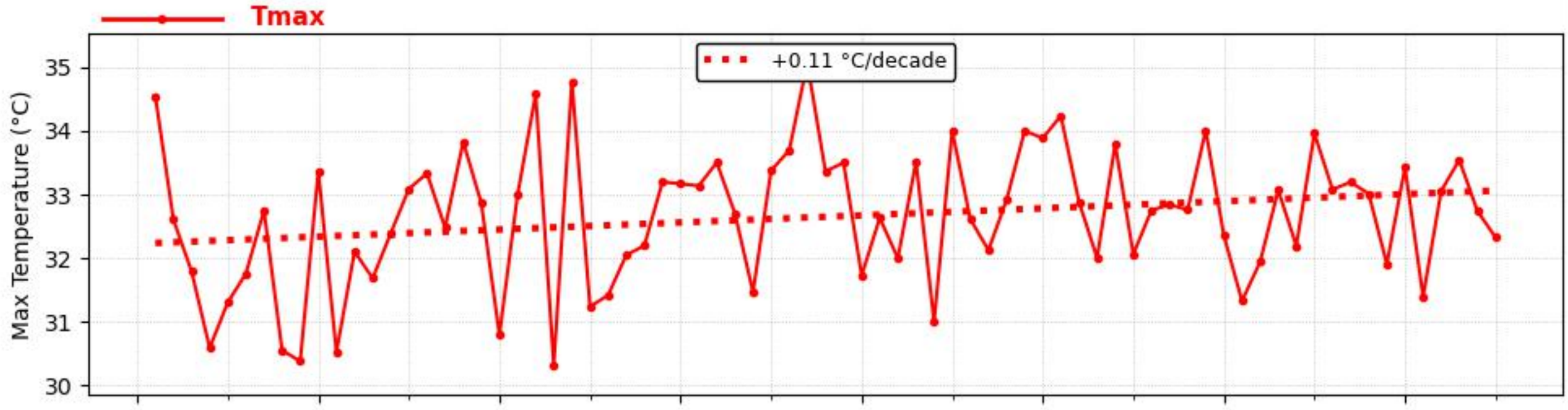
Mean TMAX, TMIN, DTR & RONIave Series

Data: IMD Pune Temperature | ERSSTv.6 SST

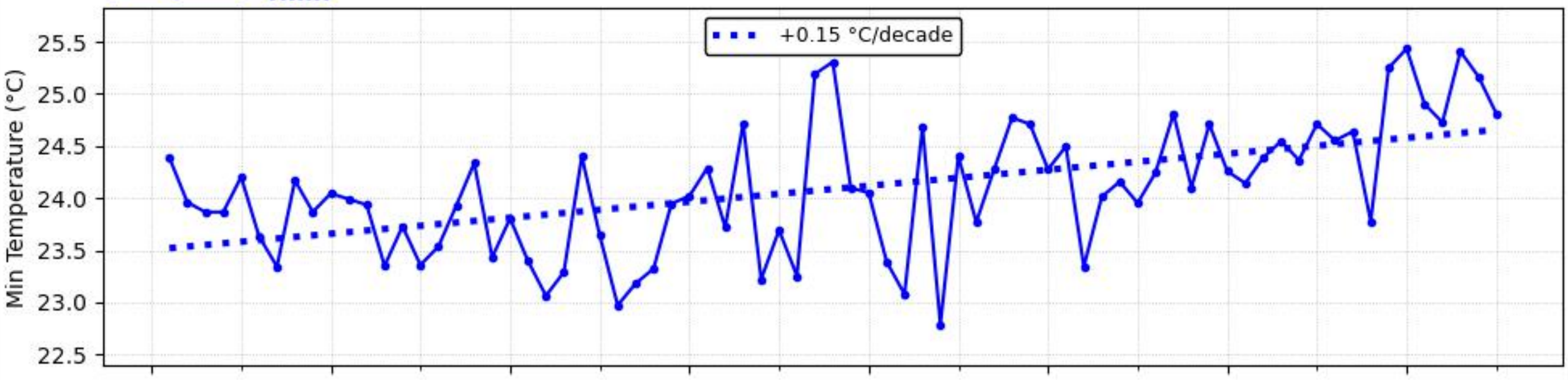
Climate Analysis by GujaratWeather.com

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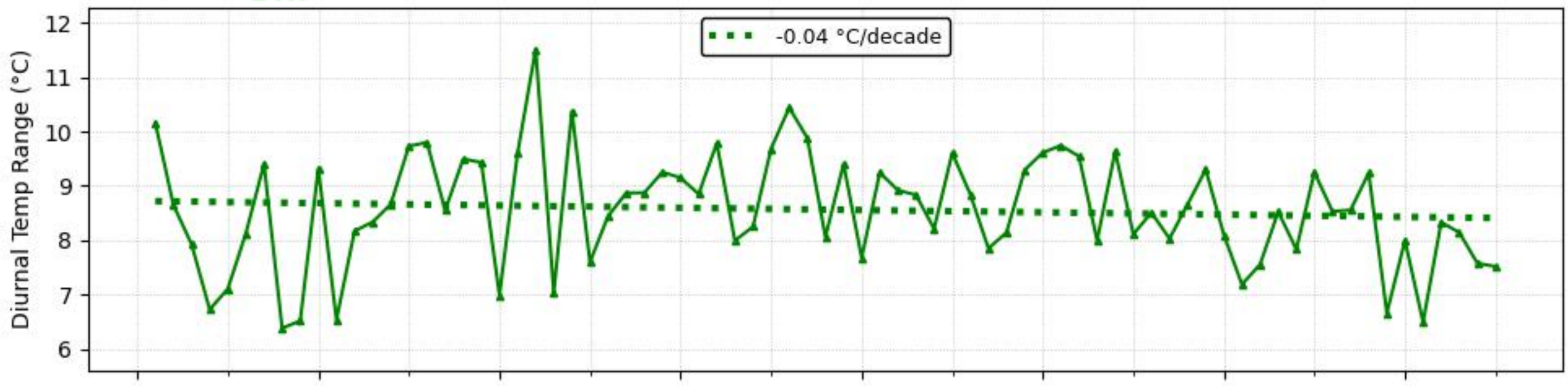
Tmax



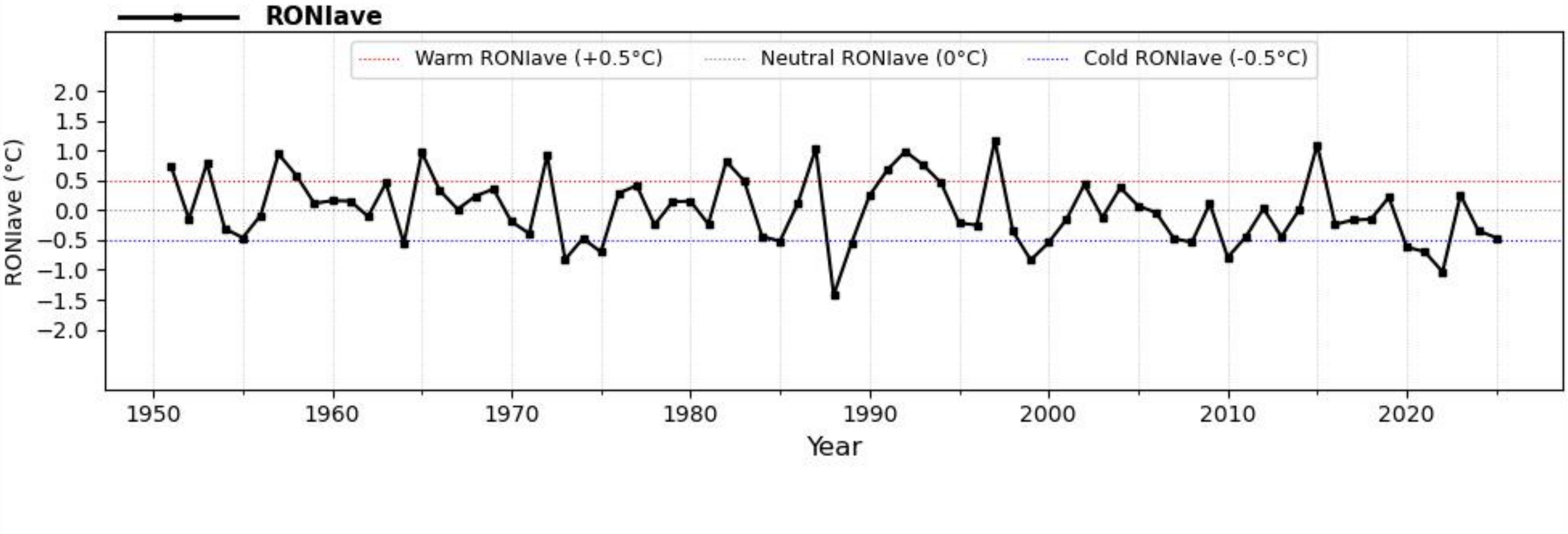
Tmin



DTR



RONIave



Rajkot October

Mean TMAX, TMIN, DTR & RONIave Series

Data: IMD Pune Temperature | ERSSTv.6 SST

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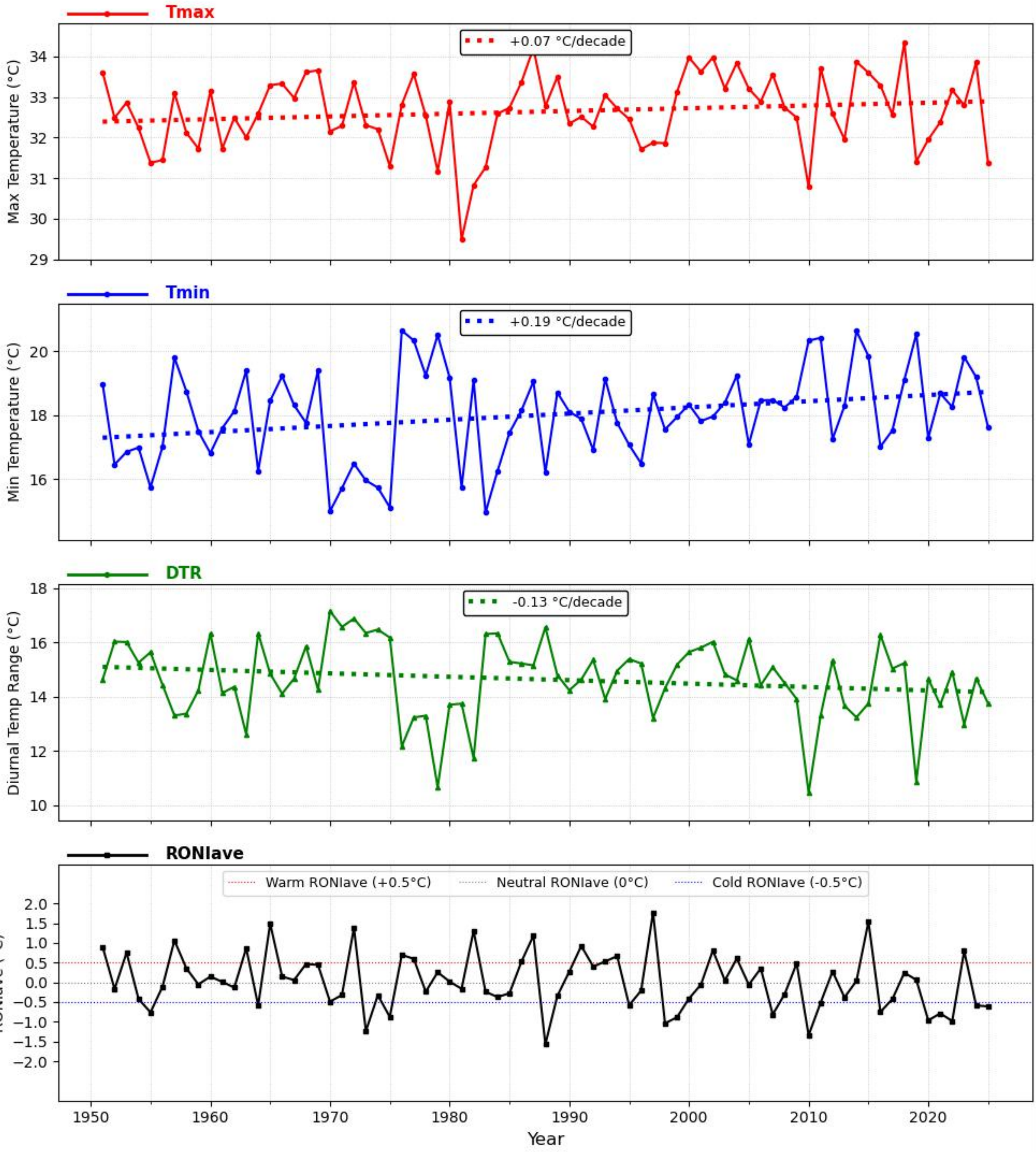
Rajkot November

Mean TMAX, TMIN, DTR & RONIave Series

Data: IMD Pune Temperature | ERSSTv.6 SST

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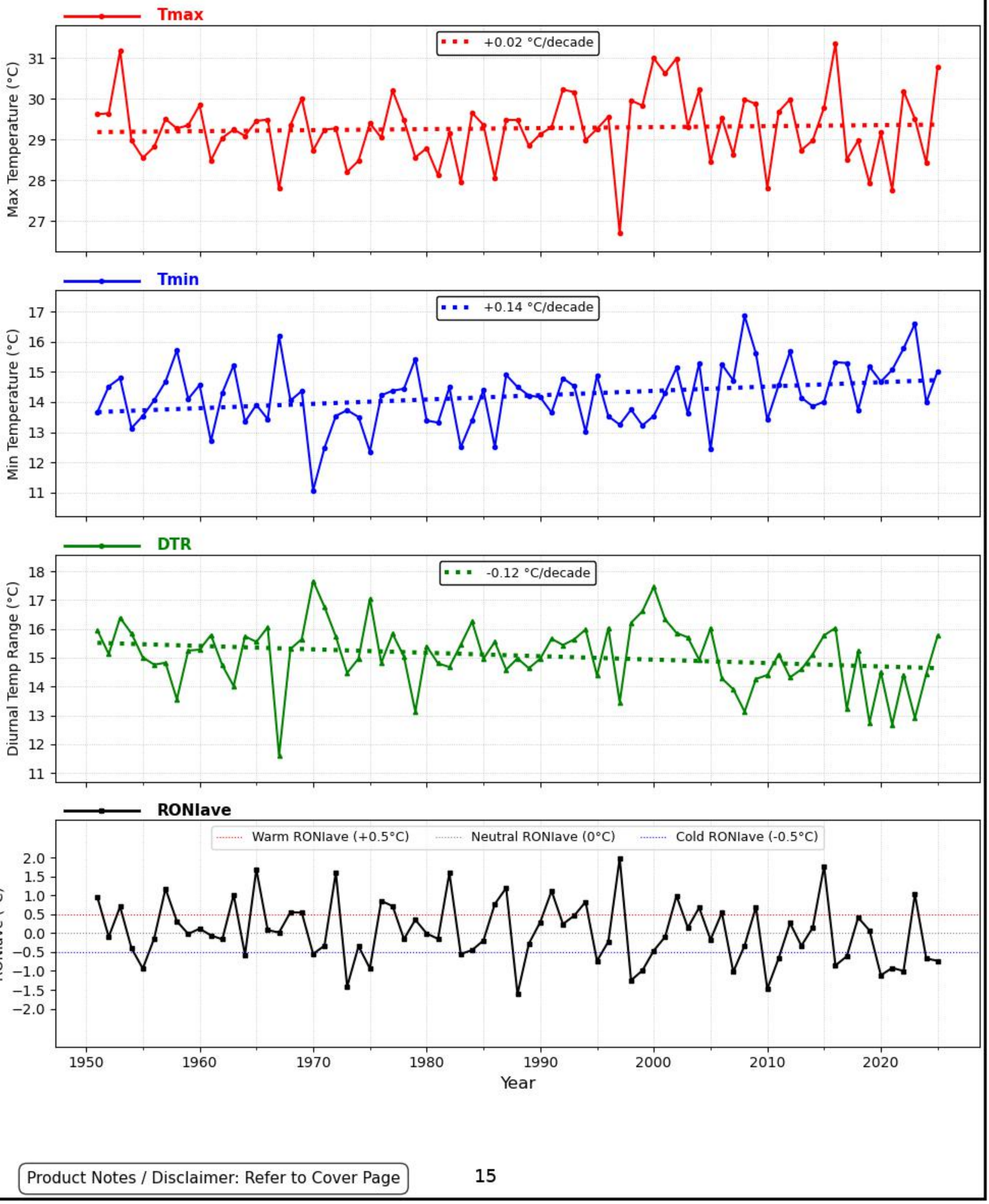
Rajkot December

Mean TMAX, TMIN, DTR & RONIave Series

Data: IMD Pune Temperature | ERSSTv.6 SST

Climate Analysis by GujaratWeather.com

KOLA: Kathiawar Ocean & Land Atmosphere – Experimental Weather Mapping Platform



Rajkot

Annual Mean TMAX, TMIN & DTR Series

Data:IMD Pune Temperature | ERSST.v6 SST

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KOLA: Kathiawar Ocean & Land Atmosphere – Experimental Weather Mapping Platform

