

Appendix – Additional figures for Temperature and precipitation

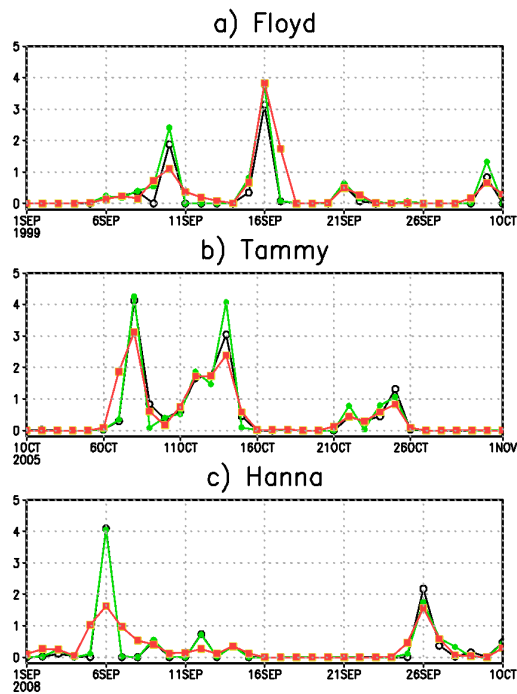


Figure A-2.1 Time series of daily precipitation (inches) during three extreme events associated with Hurricanes (a) Floyd, (b) Tammy, and (c) Hanna from two datasets of gridded daily observations: METDATA (green) and Livneh (red), and from meteorological stations (black).

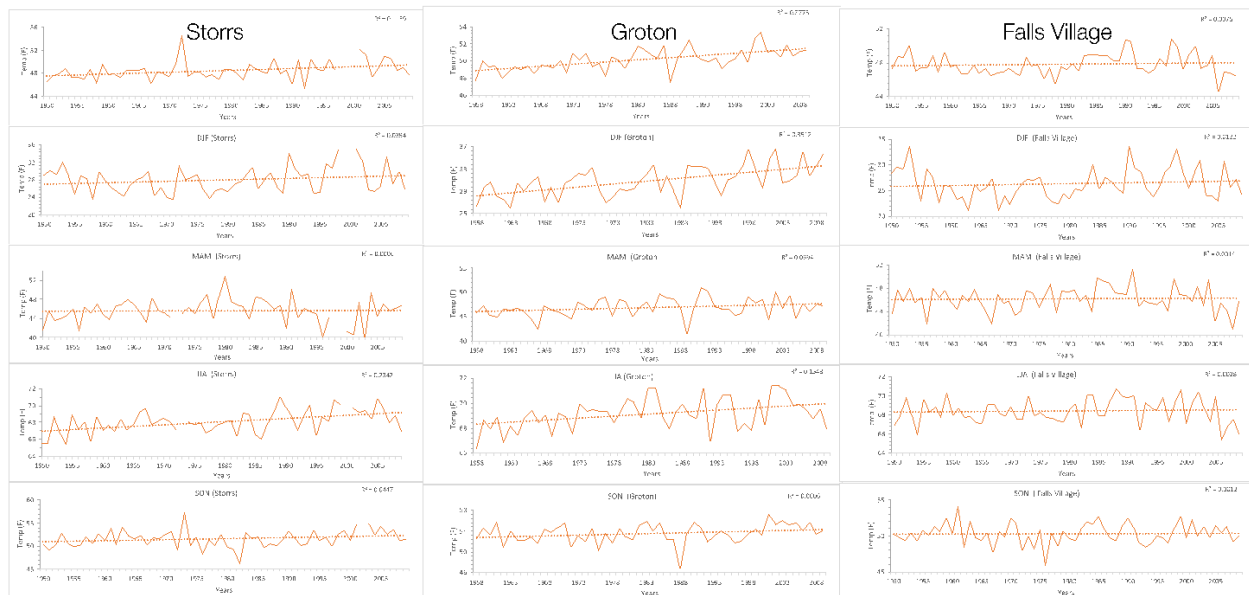


Figure A-3.1 Time series of annual and seasonal mean temperatures (°F) for three stations: (a) Storrs – northeast hills, (b) Groton – south coast, and (c) Falls Village – northeast hills for the period 1950 - 2017.

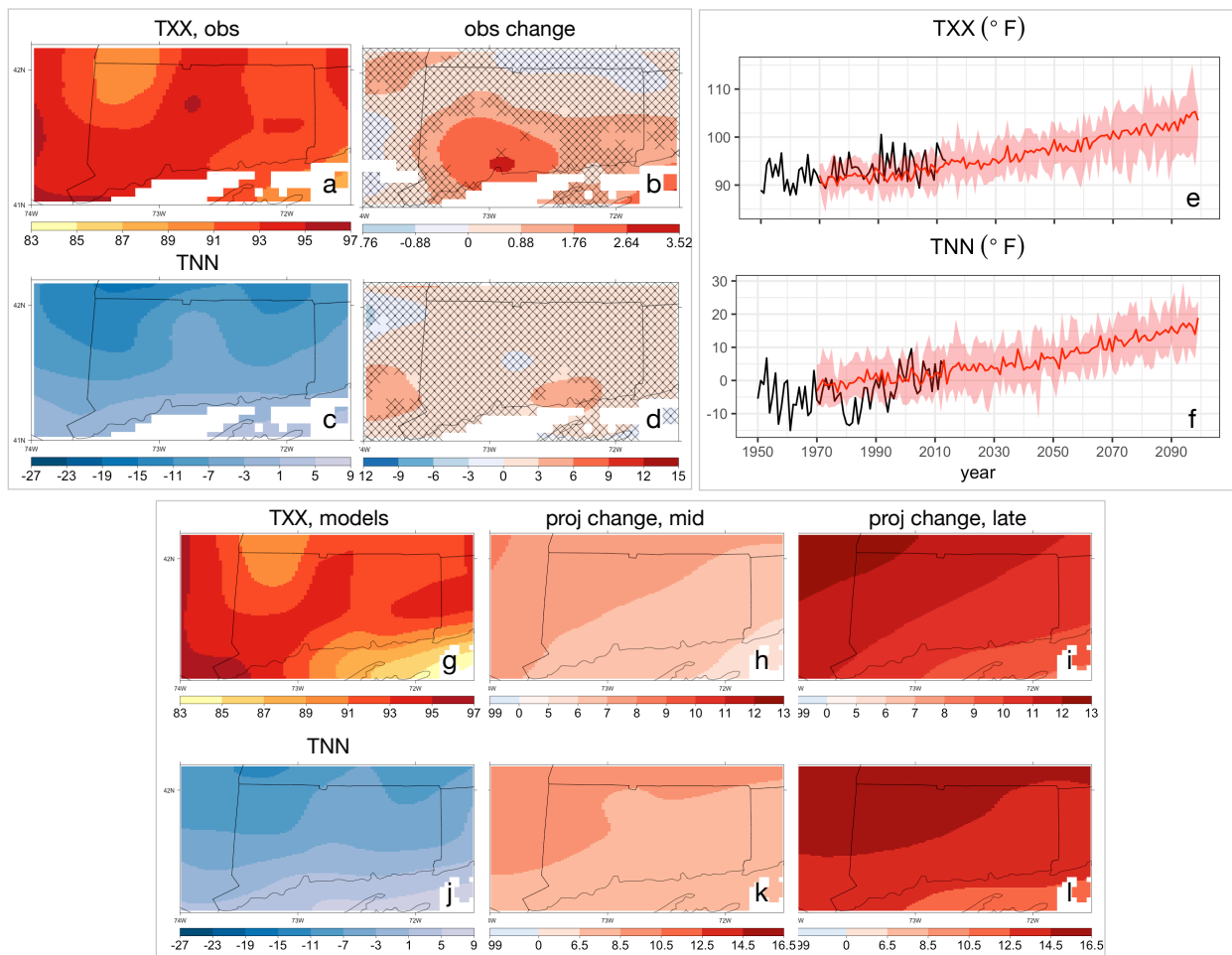


Figure A-3.2 (a-d) Observed Changes in daily maximum and minimum temperatures (TXX, TNN). (e,f) Time series of daily maximum and minimum temperatures. (g-l) Projected Changes in daily maximum and minimum temperatures (°F).

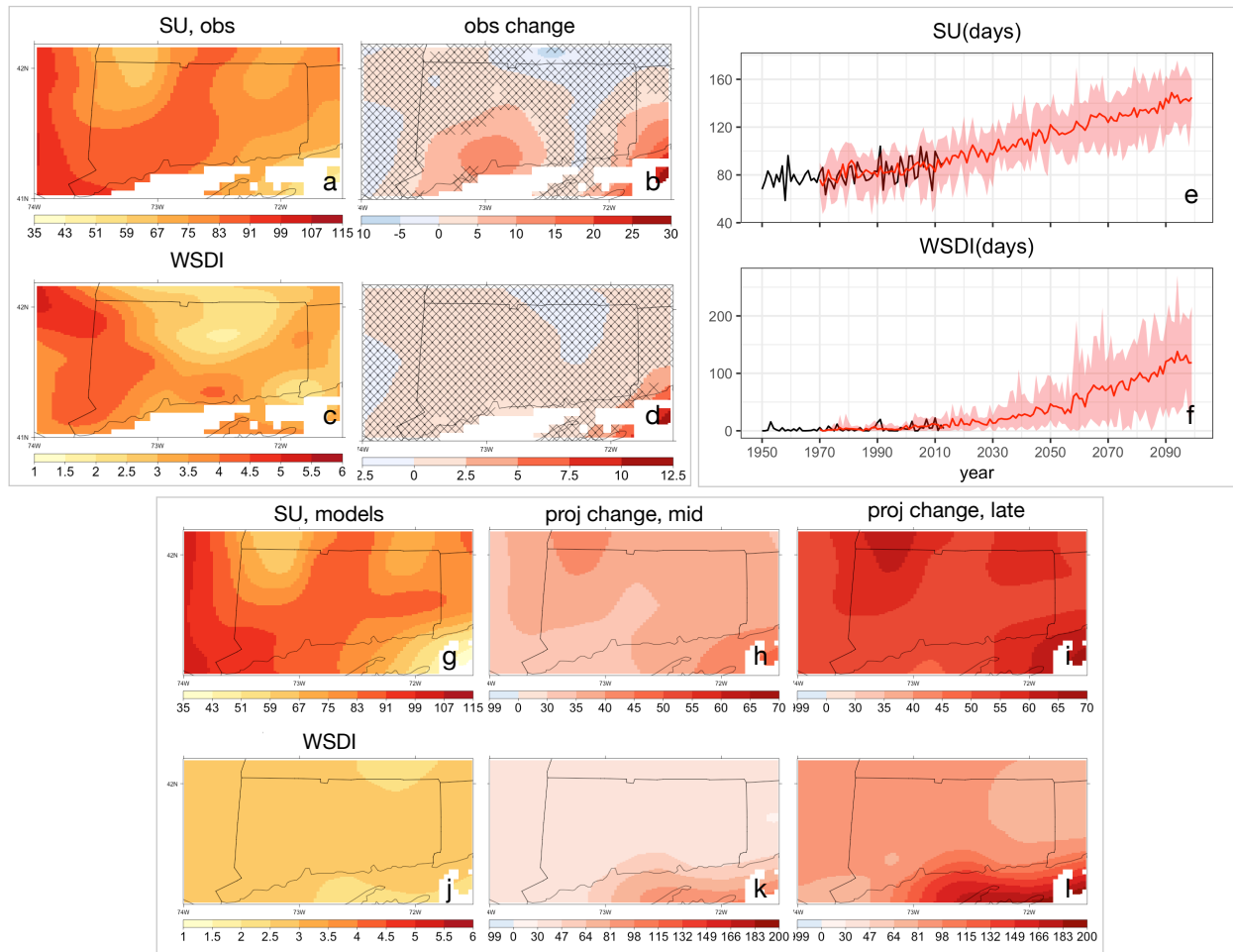


Figure A-3.3 (a-d) Observed changes in Daytime warm weather indices (SU, WSDI); (e,f) Time series of Daytime warm weather indices; (g-l) Projected changes in Daytime warm weather indices.

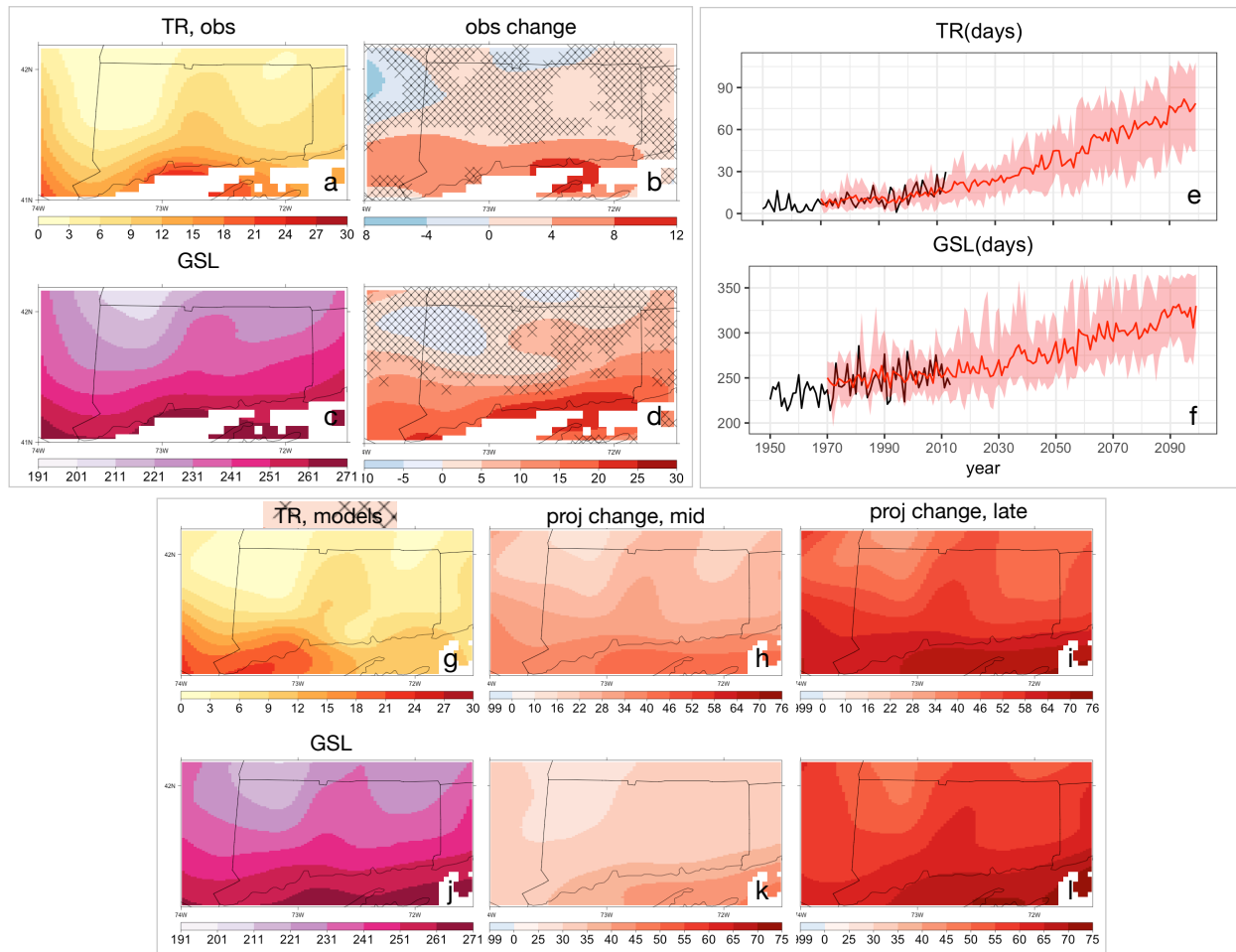


Figure A-3.4 (a-d) Observed changes in nighttime warm weather indices, TR, GSL; (e,f) Time series of nighttime warm weather indices; (g-l) Projected changes nighttime warm weather indices.

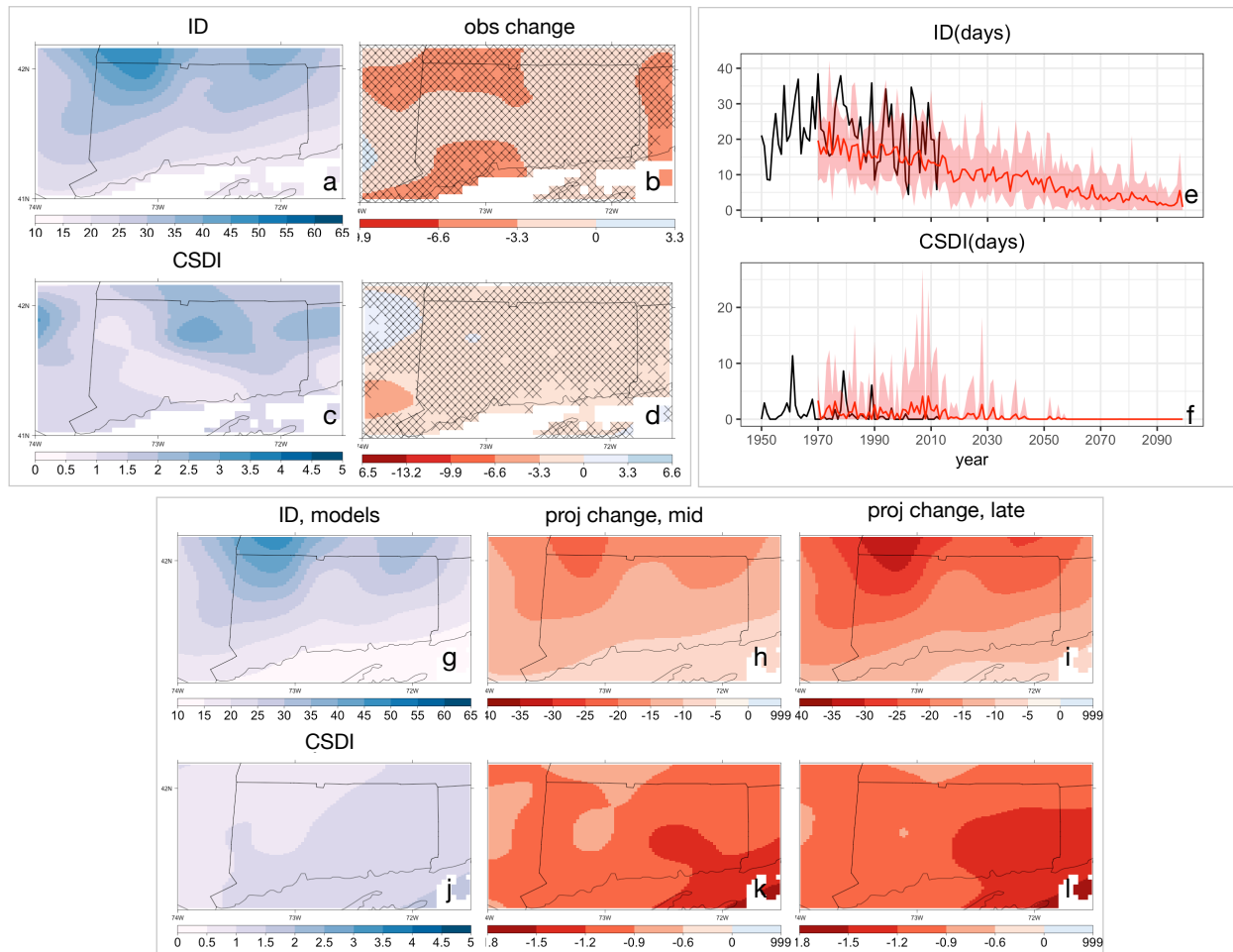


Figure A-3.5 (a-d) Observed changes in daytime cold weather indices (ID, CSDI); (e,f) Time series of daytime cold weather indices; (g-l) Projected changes in daytime cold weather indices.

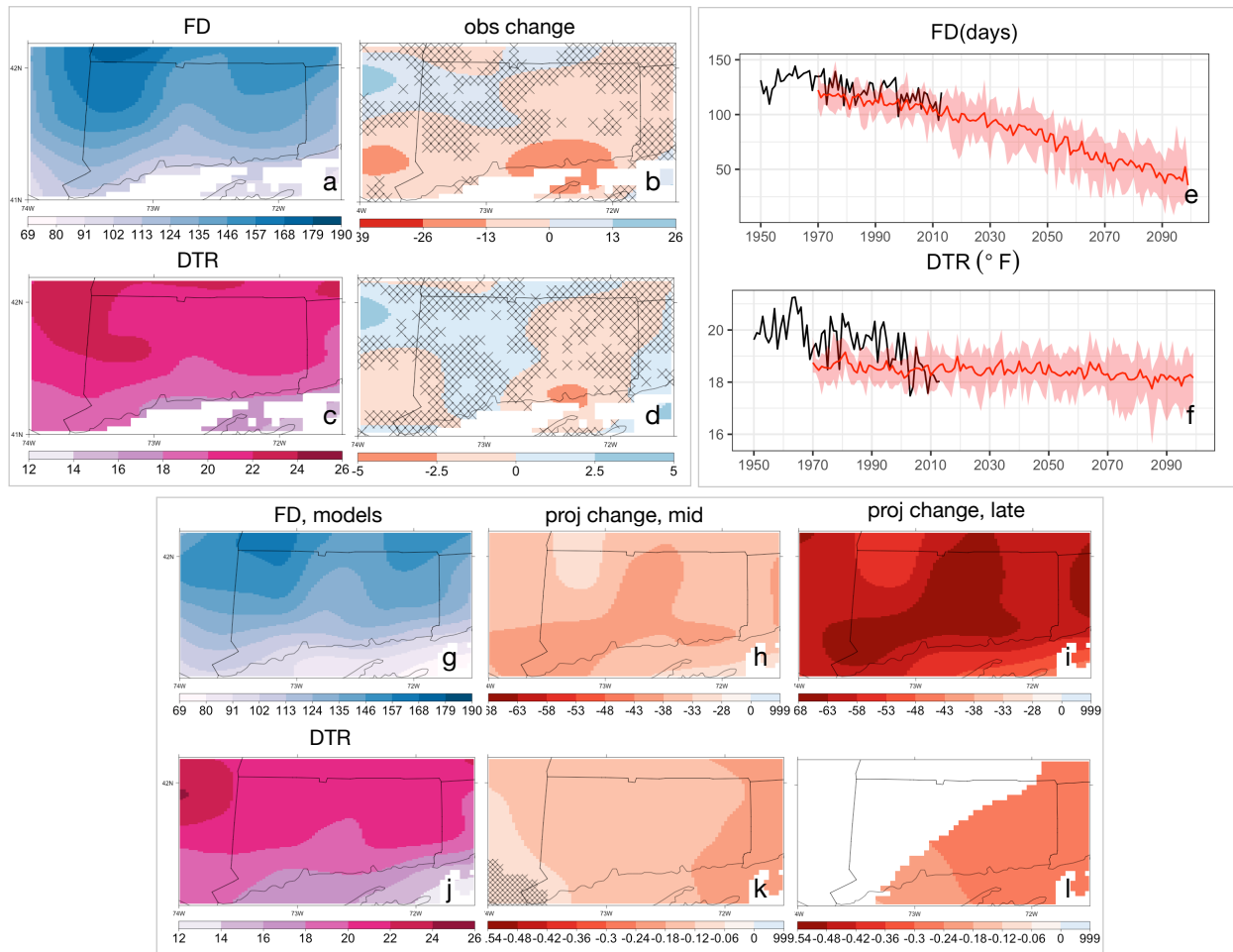


Figure A-3.6 (a-d) Observed changes in nighttime cold weather indices (FD, DTR); (e,f) Time series of nighttime cold weather indices; (g-l) Projected changes nighttime cold weather indices.

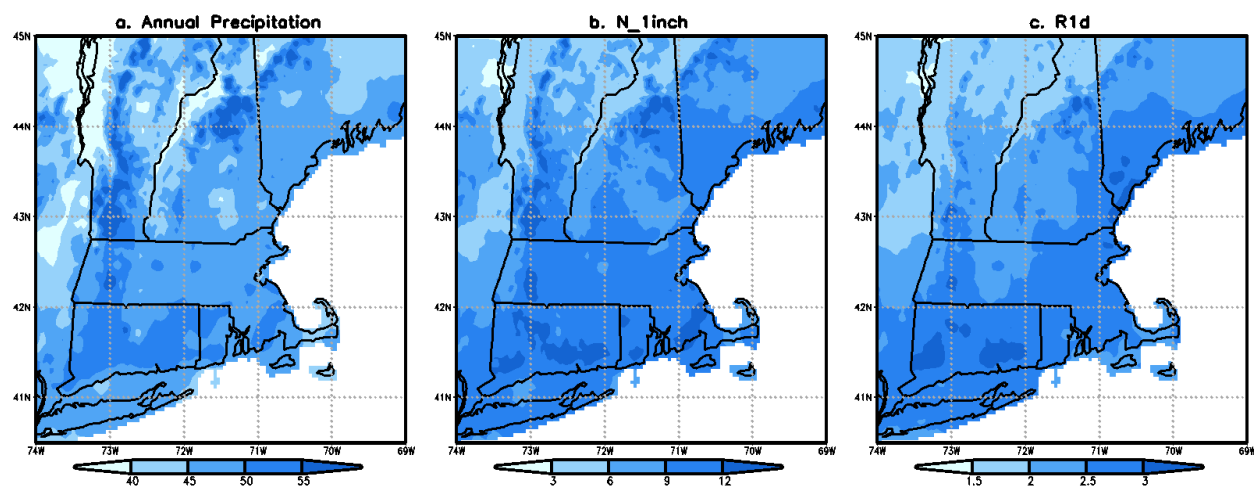


Figure A-4.1 Observed annual precipitation (inches), N_1inch (days), and R1d (inches) for the reference period (1970-1999).

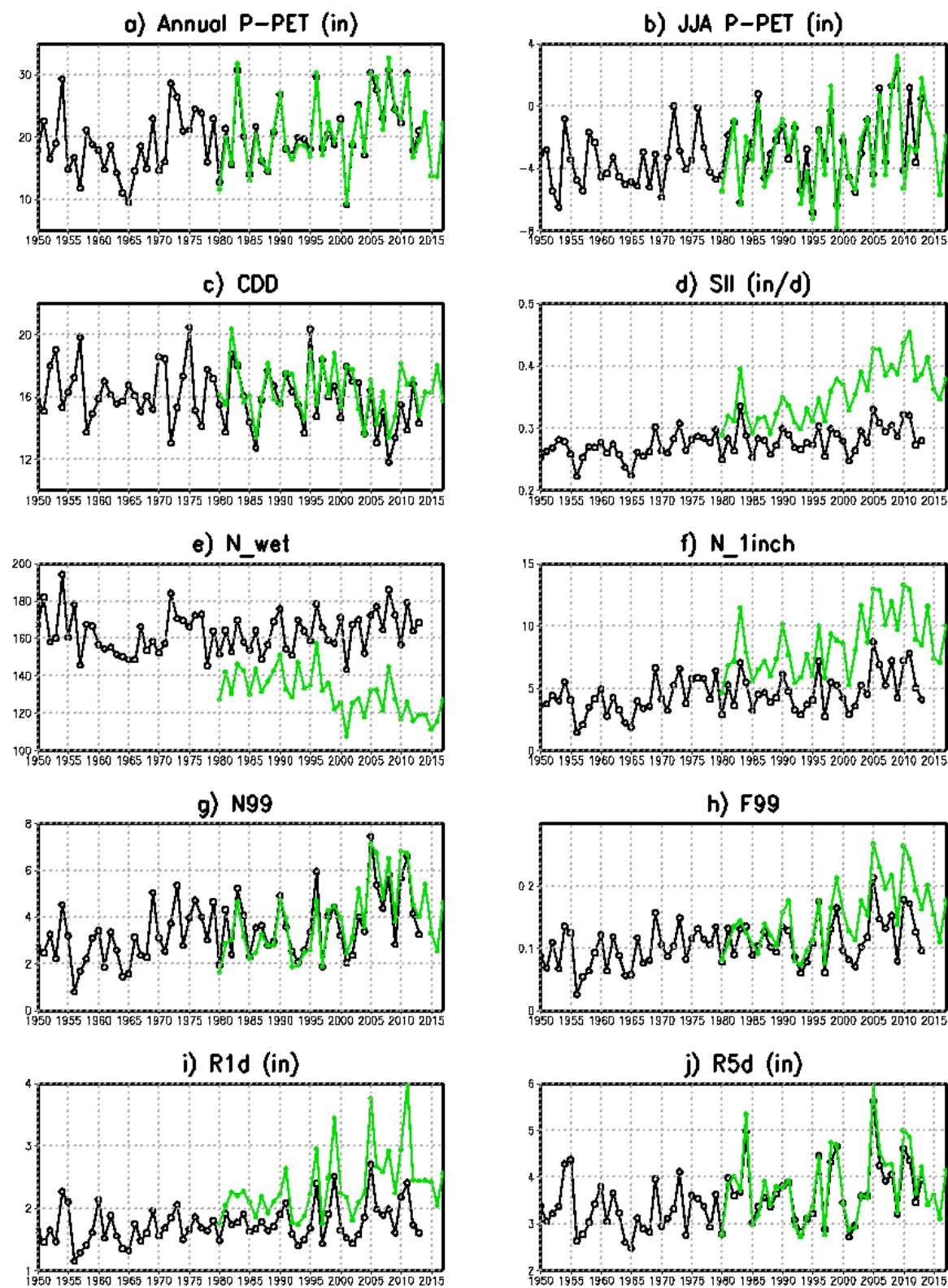


Figure A-4.2 Observed time series of precipitation indices comparison from the two datasets, averaged over the Northeast region.