

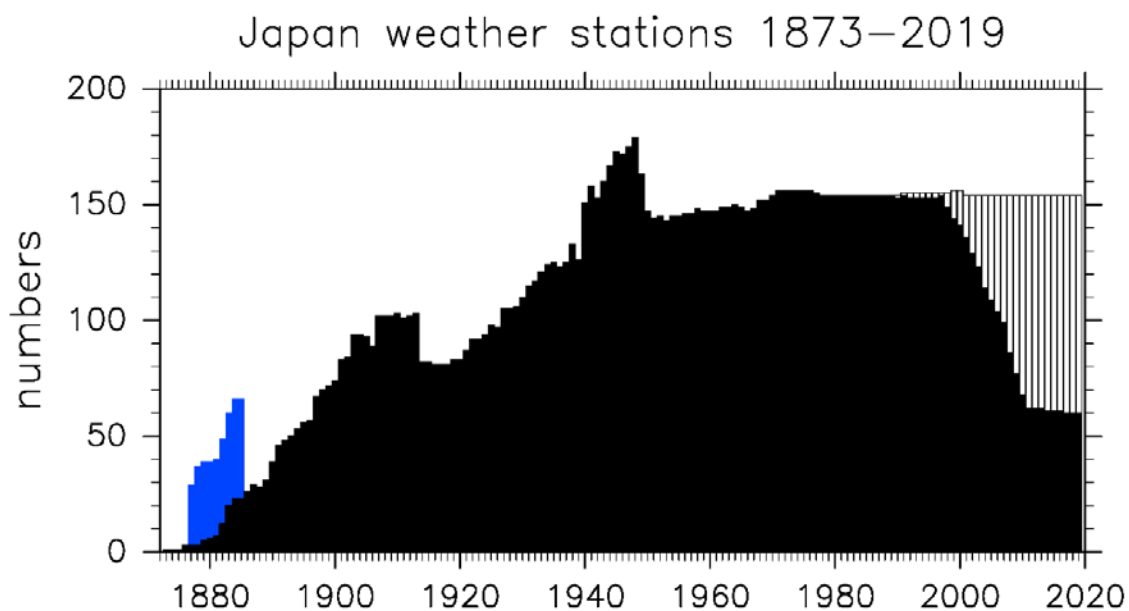


Fig. B1: Number of weather stations in Japan from 1873 to 2019. Black bars is the number of manned stations, white bars is the number of automatic weather stations, and blue bars is the number of lighthouse stations.

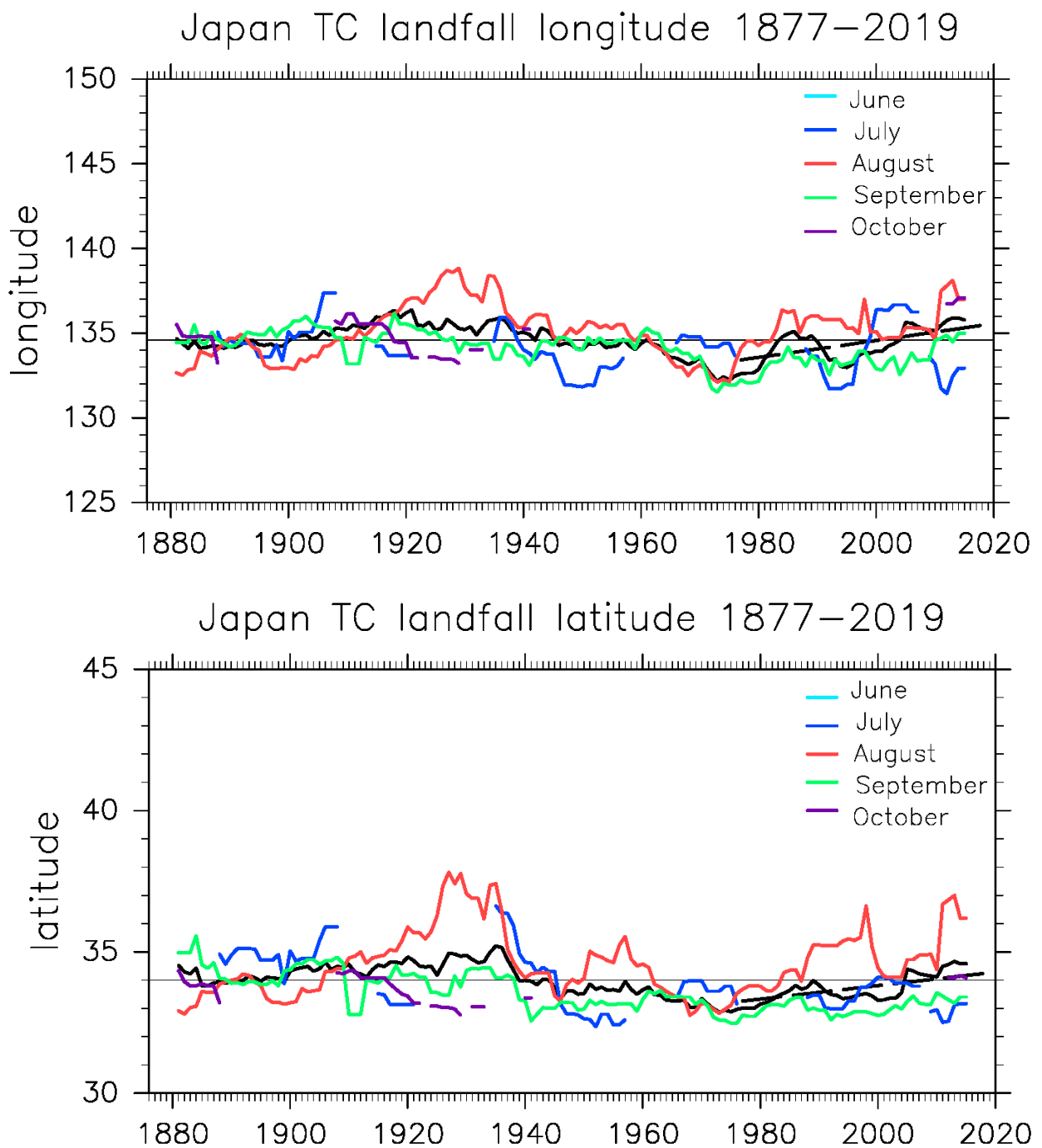


Fig. S1: Longitude (a) and latitude (b) of nearest weather station during TC landfall in Japan. Thick black, skyblue, blue, red, green, and purple lines are annual, June, July, August, September, and October mean location of 11-year running mean, respectively. Thin black line is the mean location at (134.59°E 33.99°N) during the whole period respectively.