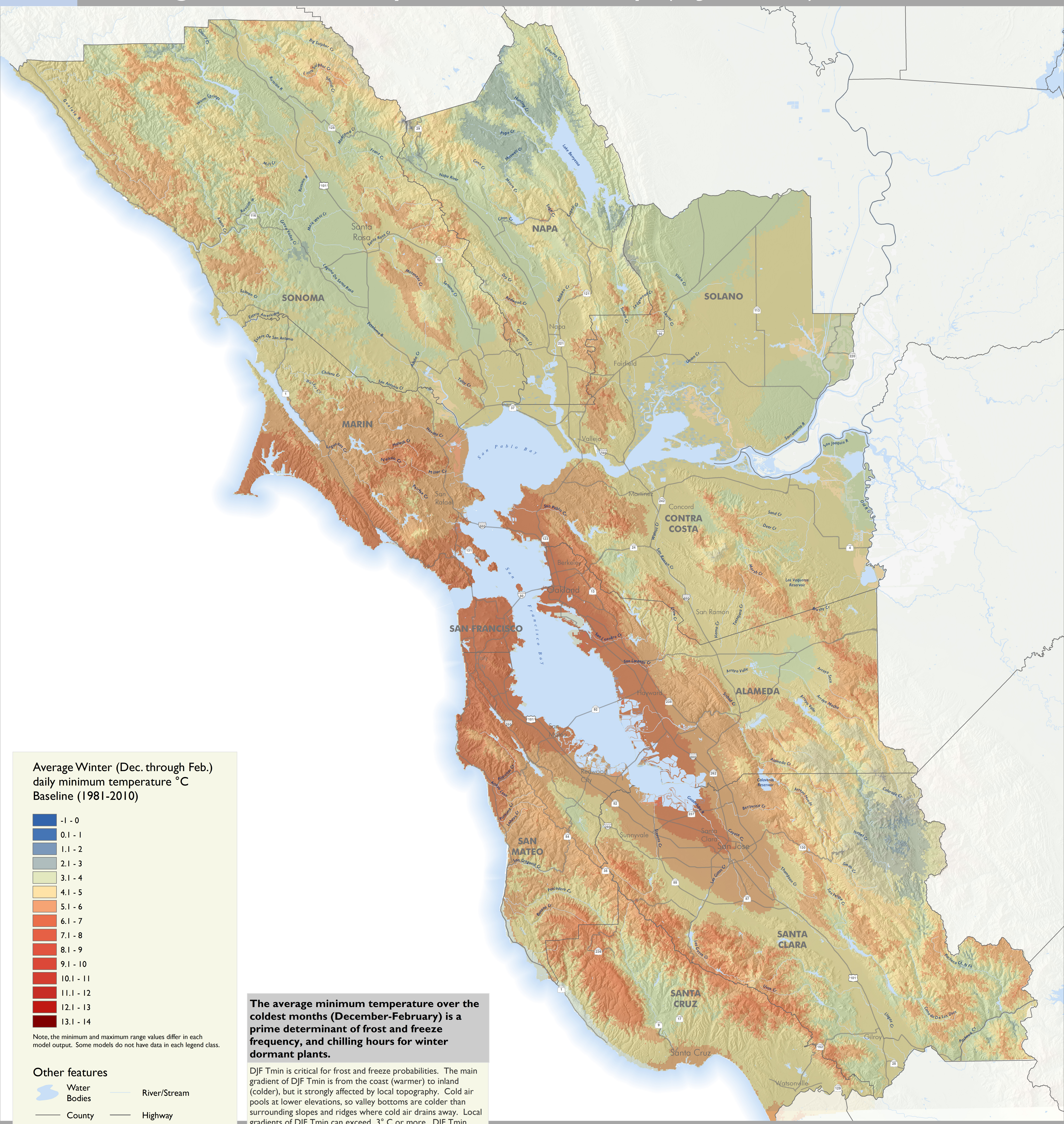
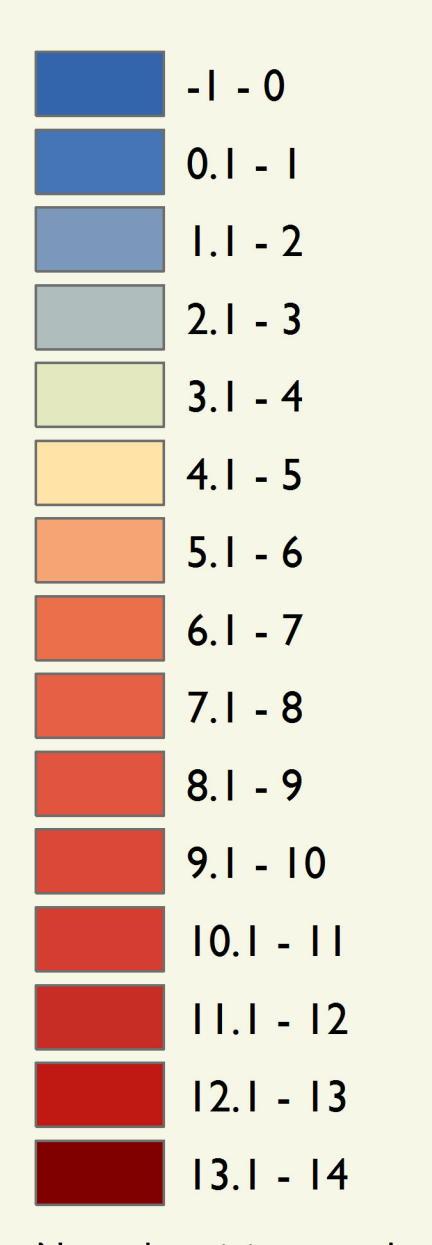


Average Winter, Daily Minimum Temp (DJF Tmin) 1981 - 2010

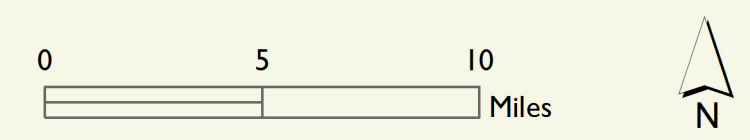


Average Winter (Dec. through Feb.) daily minimum temperature °C Baseline (1981-2010)



Note, the minimum and maximum range values differ in each model output. Some models do not have data in each legend class.

- Other features
- Water Bodies
 - River/Stream
 - County
 - Highway



The average minimum temperature over the coldest months (December-February) is a prime determinant of frost and freeze frequency, and chilling hours for winter dormant plants.

DJF Tmin is critical for frost and freeze probabilities. The main gradient of DJF Tmin is from the coast (warmer) to inland (colder), but it strongly affected by local topography. Cold air pools at lower elevations, so valley bottoms are colder than surrounding slopes and ridges where cold air drains away. Local gradients of DJF Tmin can exceed 3° C or more. DJF Tmin exceeds 10° in much of the Bay Area under a 3° C rise in temperature, producing novel climates with no local analogs.