

OPS-5 *Here's A Logical Scenario*

Start with the satellite temperatures

They are the most accurate measurement option and provide the best coverage both horizontally and vertically, an average of the satellite data sets can be used since there will be some differences in methodology and the results are already comparable

Calibrate the satellite temperatures with radiosonde (weather balloon) data

Satellite and radiosonde data are already comparable but could probably be finetuned

Surface Temperature datasets could then be "homogenized" to reflect the calibrated satellite/radiosonde data

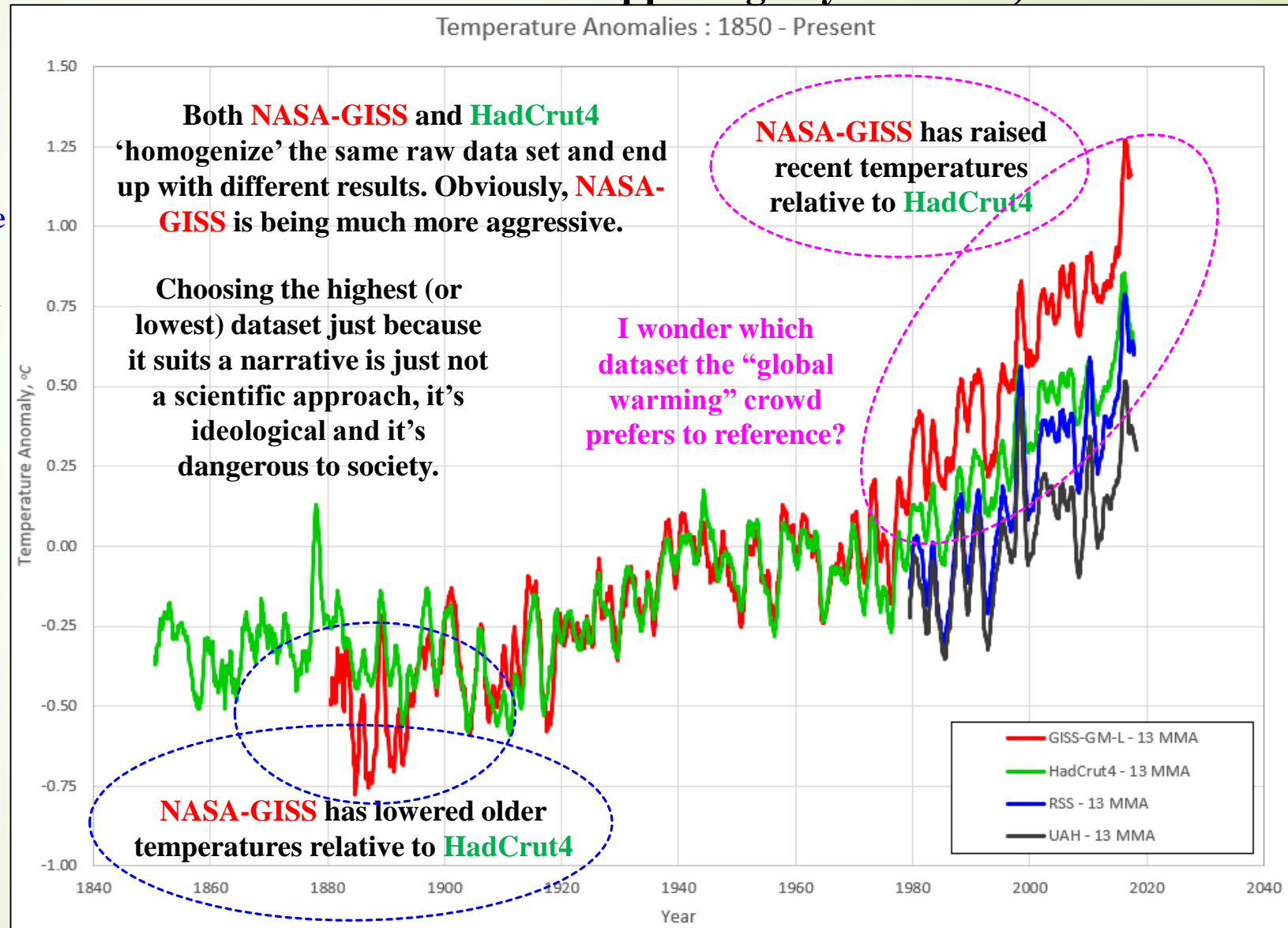
This would take out the uncertainty associated with the current homogenization process (urban heat island effects, poor station location/quality, no vertical integration, potential for unjustified manipulation)

Comparing Temperatures

Overall this discussion is somewhat pointless, since on any reasonable, relevant "climate" time scale, temperature changes of these magnitudes, direction and rapidity are well within natural variation (even using NASA-GISS' exaggerated warming). If you really want to discuss climate, you have to look at much longer time periods than the last 170 years.

How should a temperature dataset be chosen?

Personally, I would start with some cooperation (unfortunately, I don't see that happening anytime soon).



For a much more comprehensive look at the data, Google "Ronald Davison climate" and think for yourself!