

Supplementary Information # 4

Comparisons with other Reconstructions

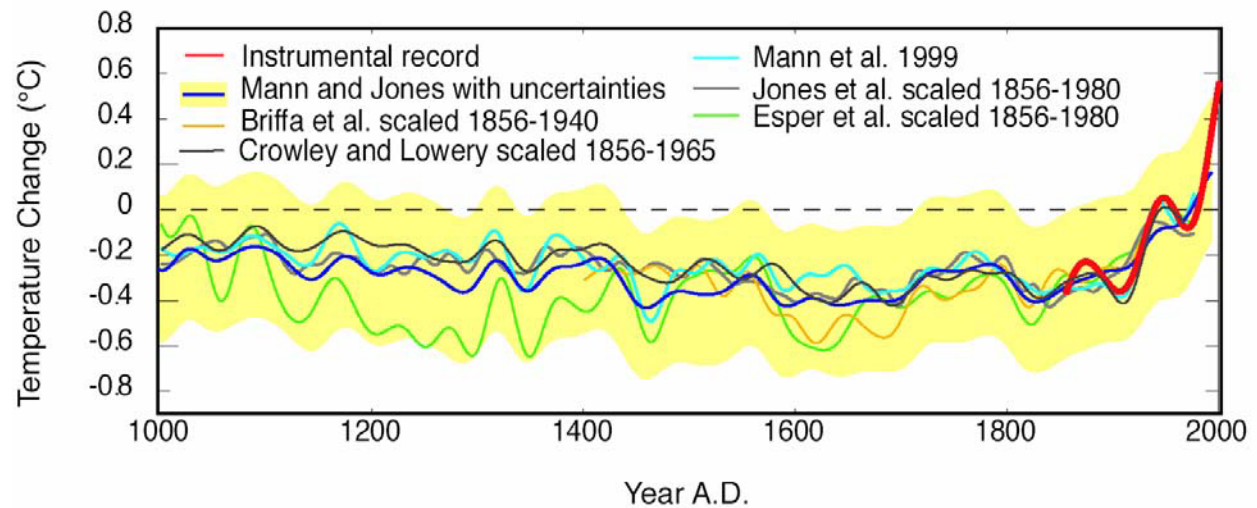


FIGURE 1: Reprinted from Jones and Mann (2004). Reconstructions of different proxy-based NH estimates (9-14) over the past 1000 years, smoothed on 40 year and longer timescales. Shown also (yellow shading) is the 95% confidence interval for (14). The various other reconstructions have been scaled by linear regression against the smoothed instrumental NH series over the common interval 1856–1980, with the exception of (12), which has been scaled over the shorter 1856–1940 interval owing to a late 20th century decline in temperature response in some of the underlying data discussed elsewhere (12). Series (10) represents the extension of MBH98 back to AD 1000. Each of these reconstructions are based on entirely independent statistical methodologies from MBH98, and either completely (Esper et al), almost completely (Briffa et al, Crowley and Lowery), or mostly (Mann and Jones, Jones et al) independent data.