



Figure 3. 2650-year (BC665-AD1985) WTR (see text) spliced with Beijing instrumental data from 1930-2000. Solid red line is reconstructed MJJA temperature. Dark blue dashed line is errors. Pink dashed line is observed MJJA data. The 101-year low-pass filter (green solid line) shows centennial-scale variation. The zero line (light blue dashed) corresponds to the overall mean of the reconstructed series. Thick and long arrows with capital letters W and C point out the “absolute” warm peaks (upward) and cool troughs (downward), respectively, at which temperature exceeds the average. Thin and short arrows with small letter *w* and *c* point out the “relative” warm peaks and cool troughs, respectively, at which temperature doesn’t exceed the average.