| | MMCO | MMG |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| Antarctic ice sheet volume | 6 million km ³ | 23 million km ³ |
| Sea level | 48 m higher than present day | 5 m higher than present day |
| Atmospheric CO ₂ concentration | 400 ppmv | 200 ppmv |
| Global topography/bathymetry | mainly Herold et al. (2008) with modifications for tropical seaways (Hall, 2012; Montes et al., 2012) and the Antarctic ice sheet | same as MMCO, but with global sea level reduced by 43 m and an expanded Antarctic ice sheet |
| Global vegetation | mainly Pound et al. (2012) with gaps filled according to Wolfe (1985) and Morley (2011); ice and tundra in Antarctica | same as MMCO, but with tundra removed in Antarctica |