



Maps for 2017-08-21 solar eclipse, longitude -96° , latitude 40° , 18:05 UTC assuming rather transparent air. Lines from N(E,S,W) to zenith shown (crosses each 10°). Centered on ζ UMa = Mizar, which is 49° to the right from N, at 51° height. Detailed maps 50° vertically, the first four maps 100° . *Jan Hollan, CzechGlobe*