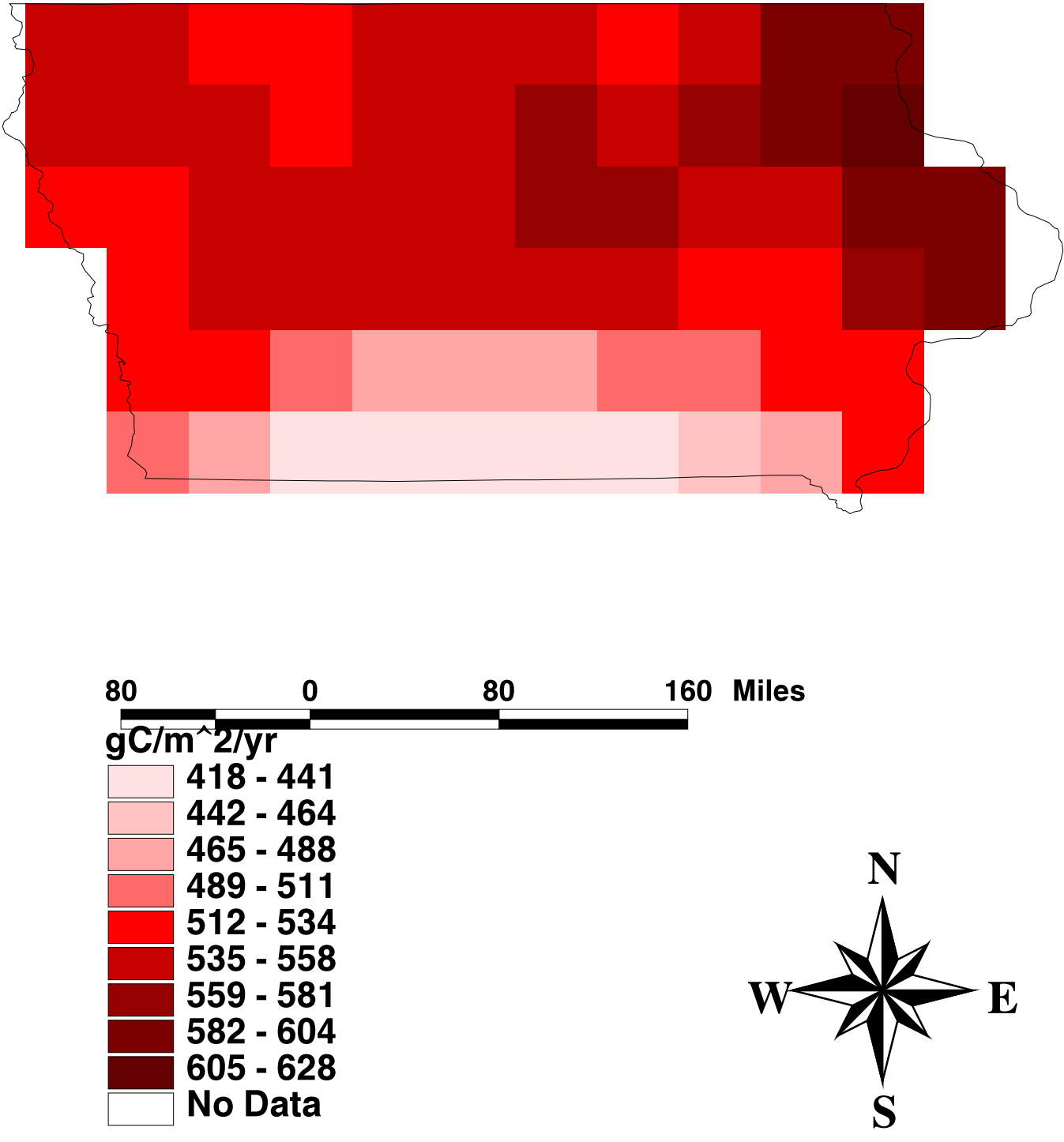Mean crop TNPP (1982-96) in Iowa, USA