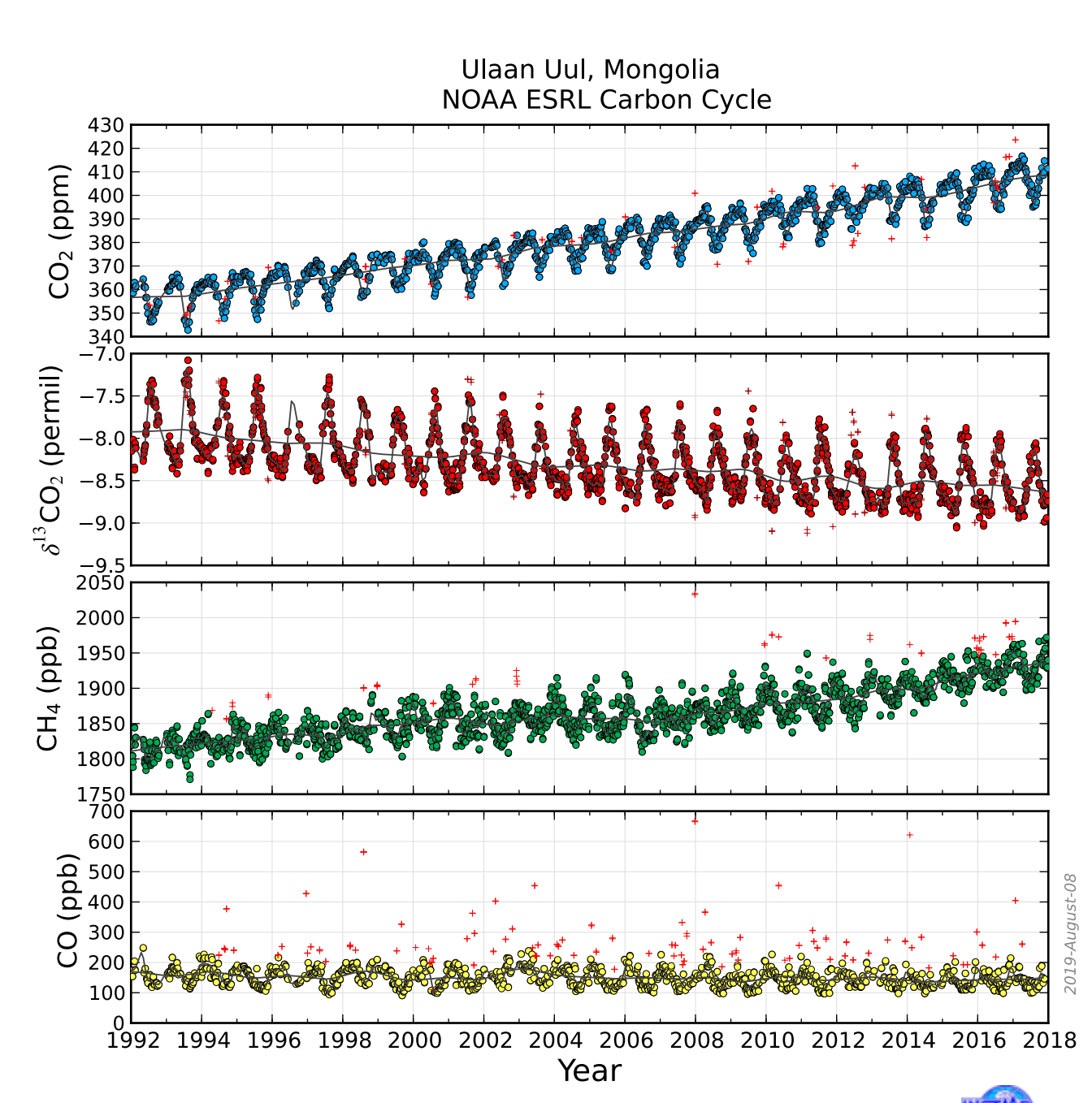

Time series showing atmospheric carbon dioxide, the carbon-13/carbon-12 isotopic ratio of carbon dioxide, methane and carbon monoxide from air collected weekly in glass containers. The isotope measurements are made at the University of Colorado INSTAAR, all others are made at NOAA. Samples that are regionally representative (circle), and influenced by local effects (plus) are shown. A smooth curve and long-term trend are fitted to the representative measurements (circle). Contact: Dr. Pieter Tans, NOAA ESRL Carbon Cycle, (303) 497-6678, pieter.tans@noaa.gov, http://www.esrl.noaa.gov/gmd/ccgg/.