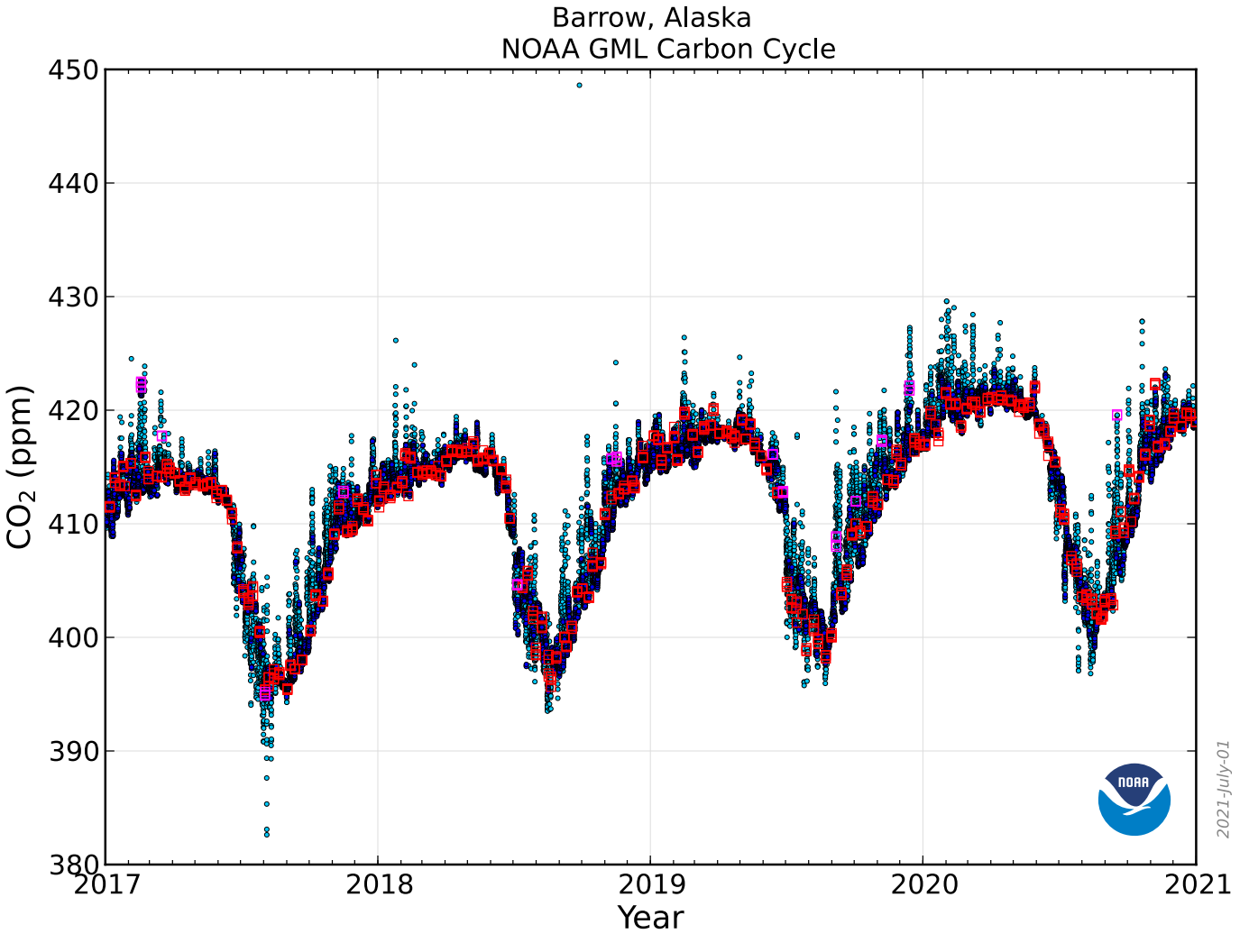

Time series showing measurements of atmospheric carbon dioxide using two independent methods. Hourly averaged values from the semi-continuous measurement system operating at the Barrow baseline observatory are shown in blue (circle). Measurements thought to be representative of baseline conditions are identified in dark blue. Measurements thought to be locally influenced are shown in light blue. Retained measurements from weekly air samples collected at the observatory but analyzed in Boulder, CO are shown in red (square). Weekly samples thought to be affected by local influences are shown in purple (square). Contact: Dr. Arlyn Andrews, (303) 497-6773, arlyn.andrews@noaa.gov, http://www.esrl.noaa.gov/gmd/ccgg/.