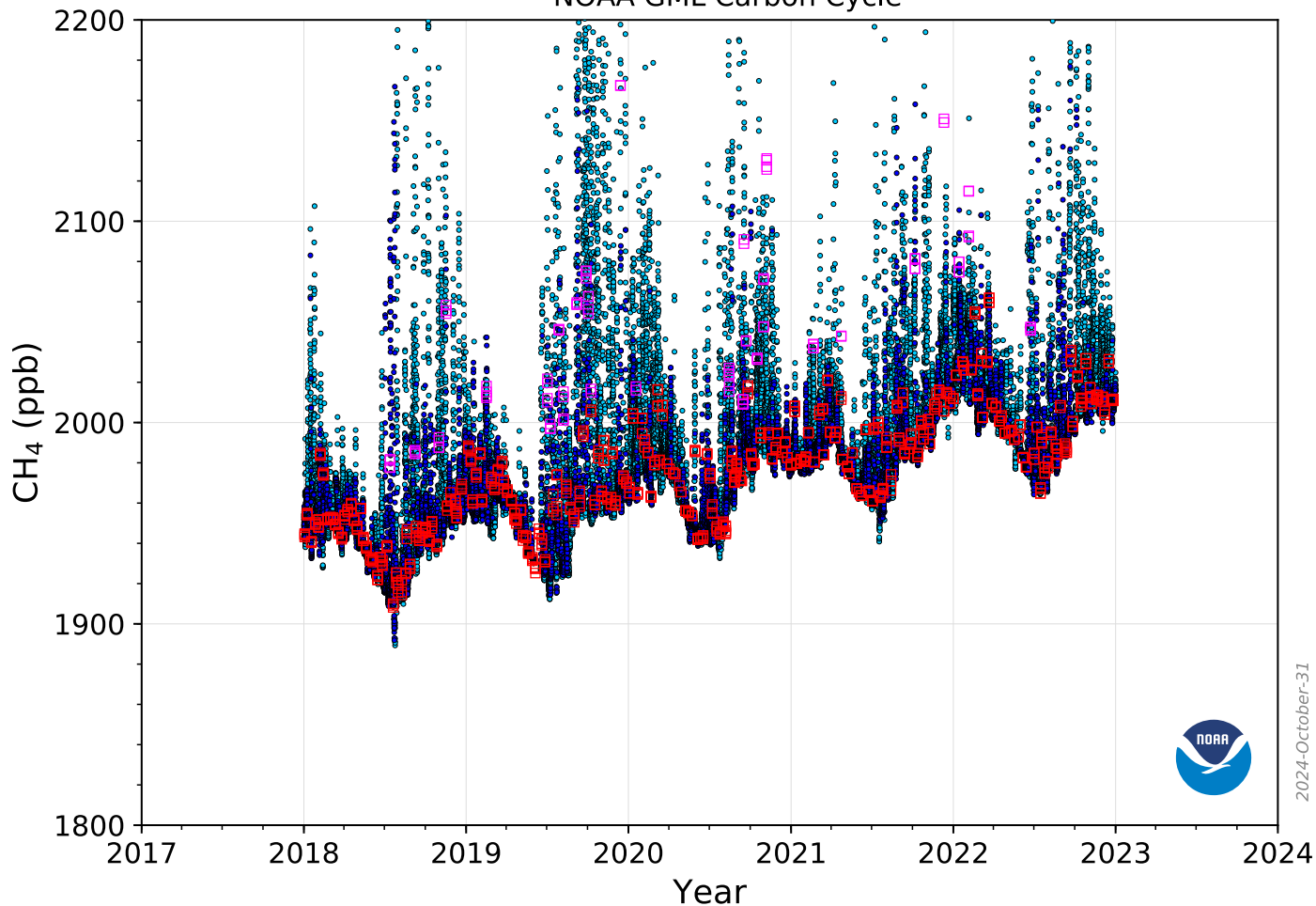


Barrow, Alaska NOAA GML Carbon Cycle



2024-October-31

Time series showing measurements of atmospheric methane 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 made when winds are from the clean-air sector (20° - 110°) are identified in dark blue. Measurements made when the winds are outside the clean-air sector 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. Xin Lan, xin.lan@noaa.gov, <https://gml.noaa.gov/ccgg/>.