Monthly average of air samples measurements from the Mauna Loa Observatory Training data until here 420 -6σ Month. avg. CO_2 conc. / (ppm) $\stackrel{\mathfrak{L}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{\mathfrak{L}}}{\overset{\mathfrak{L}}}}{\overset{L}}{\overset{L}}{\overset{L}}}{\overset{L}}}{\overset{L}}}{\overset{L}}{\overset{L}}{\overset{L}}}{\overset{L}}}{\overset{L}}}{\overset$ 3σ Gaussian process New measurement data 320 -2000 2010 1960 1980 2020 1970 1990 Year