Monthly means reported as dry mixing ratios in parts per trillion (ppt) for chlorofluorocarbon-12 (CFC-12) at ground level for four NOAA/CMDL stations (Pt. Barrow, Alaska; Mauna Loa, Hawaii; Cape Matatula, American Samoa; and South Pole) and three cooperative stations (Alert, NWT, Canada (Atmospheric Environment Service); Niwot Ridge, Colorado (University of Colorado); Cape Grim Baseline Air Pollution Station, Tasmania, Australia, (Commonwealth Scientific and Industrial Research Organization)). Principal Investigators: James W. Elkins, Thayne M. Thompson and James H. Butler, NOAA/CMDL Nitrous Oxide and Halocarbons Division, Boulder, Colorado, 80303 U.S.A.; (303) 497-6224 or Internet e-mail: jelkins@cmdl.noaa.gov. (see Elkins et al., Nature, 364, 780-783, 1993.)