

FIG. 1. Monthly means of total atmospheric ozone at Halley Bay, Antarctica, for October of 1957 and for the same month yearly through 1985: 1957–84 from Farman et al. (1985): 1985 by personal communication from Dr J.C. Farman. The continuous curve represents the total concentration of organochlorine compounds in ppby (10-9) ten years earlier than the listed date.

REFERENCES

Austin, J.A., Garcia, R.R., Russell, J.M., Solomon, S. & Tuck, A.F. (1986). On the atmospheric photochemistry of nitric acid. J. Geophys. Res., 91, pp. 5477-85.

FARMAN, J.C., GARDINER, B.G. & SHANKLIN, J.D. (1985). Large losses of total ozone in Antarctica reveal seasonal ClO_x/NO_x interaction. *Nature* (London), 315, pp. 207-10.

McCormick, M.P., Steele, H.M., Hamill, P., Chu, W.P. & Swissler, T.J. (1982). Polar stratospheric cloud sighting by SAM II. J. Atmos. Sci., 39, pp. 1387-97.

McElroy, M.B., Salawitch, R.J., Wopsy, S.C. & Logan, J.A. (1986). Reductions of Antarctic ozone due to synergistic interactions of chlorine and bromine. *Nature* (London), **321**, pp. 759-62.

MCKENZIE, R.L. & JOHNSTON, P.V. (1984). Springtime stratospheric NO₂ in Antarctica. *Geophys. Res. Lett.*, **11**, pp. 73-5.

ROWLAND, F.S., BLAKE, D.R., TYLER, S.C. & MAKIDE, Y. (1985). Increasing concentration of perhalocarbons, methylchloroform, and methane, in the atmosphere. Pp. 305-39 in Chemical Events in the Atmosphere and their Impact on the Environment (Ed. G.B. Marini-Bettolo), Pontifical Academy of Sciences [not available for checking].

ROWLAND, F.S., SATO, H., KHWAJA, H. & ELLIOTT, S.M. (1986). The hydrolysis of chlorine nitrate and its possible atmospheric significance. *J. Phys. Chem.*, **90**, pp. 1985–8.

SOLOMON, S., GARCIA, R.R., ROWLAND, F.S. & WUEBBLES, D.J. (1986). On the depletion of Antarctic ozone. *Nature* (London), 321, pp. 755-8.

STOLARSKI, R.S., KRUEGER, A.J., SCHOEBER, M.R., McPETERS, R.D., NEWMAN, P.A. & ALPERT, J.C. (in press). Nimbus 7 SBUV/TOMS measurements of the springtime Antarctic ozone decrease. *Nature* (London).

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