

参考文献

- 気象庁(1993), 地球温暖化監視レポート1992.
- 気象庁(2003), オゾン層観測報告: 2002.
- 気象庁(2004), オゾン層観測報告: 2003.
- 気象庁(2006), 気候変動監視レポート2005.
- 環境省(2003), 紫外線保健指導マニュアル.
- 伊藤朋之, 迫田優一, 上窪哲郎, 長沼 弘, 柴田誠司(1993), 南極オゾンホールの強さ・規模の定量的表現と経験的予測に関する研究, 研究時報, 45巻1号, 1-16.
- 吉松和義, 永田和彦, 坂本尚章, 藤本敏文(2005), つくば上空のオゾン変動要因について, 気象庁研究時報, 57巻3-4合併号, 81-94.
- Aoki, Te., Ta. Aoki, M. Fukabori, and T. Takao(2002), Characteristics of UV-B irradiance at Syowa Station, Antarctica: Analyses of the measurements and comparison with numerical simulations, J. Meteor. Soc. Japan, 80, 161-170.
- Austin, J. (2005), When Will the Ozone Hole and Arctic Ozone Levels Recover?, http://www.nasa.gov/centers/goddard/news/topstory/2005/ozone_recovery.html
- Estupinan, J. G., S. Raman, G. H. Crescenti, J. J. Streicher, and W. F. Barnard(1996), Effects of clouds and haze on UV-B radiation, J. Geophys. Res., 101, 16807-16816.
- Hadjinicolaou, P., J. A. Pyle, and N. R. P. Harris(2005), The recent turnaround in stratospheric ozone over northern middle latitudes: A dynamical modeling perspective, Geophys. Res. Lett., 32, L12821, doi:10.1029/2005GL022476.
- Hood, L. L. and B. Soukharev(2005), Interannual variations of total ozone at northern mid latitudes correlated with stratospheric EP flux and potential vorticity, The 17th Conference on Climate Variability and Change/15th Conference on Atmospheric and Oceanic Fluid Dynamics/13th Conference on Middle Atmosphere, J11.3, Cambridge, MA, USA, 8-17 June 2005, AMS.
- Hurst, D. (2005), New Measurements of Ozone-Depleting Substances from the U.S. & Canada, http://www.nasa.gov/centers/goddard/news/topstory/2005/ozone_recovery.html
- McKinley, A. F., and B. L. Diffey(1987), A reference action spectrum for ultraviolet induced erythema in human skin, CIE Journal, 17-22.
- NOAA (2005), Northern hemisphere winter summary 2004-2005, http://www.cpc.ncep.noaa.gov/products/stratosphere/winter_bulletins/nh_04-05/index.html
- Oltmans, S. J., A. S. Lefohn, J. M. Harris, I. Galbally, H. E. Scheel, G. Bodeker, E. Brunke, H. Claude, D. Tarasick, B. J. Johnson, P. Simmonds, D. Shadwick, K. Anlauf, K. Hayden, F. Schmidlin, T. Fujimoto, K. Akagi, C. Meyer, S. Nichol, J. Davies, A. Redondas, E. Cuevas (2006), Long-term changes in tropospheric ozone. Atmos. Env., in press.
- Rabbe, A., and S. H. H. Soren(1995), On the low ozone values over Scandinavia during the winter of 1991-1992, J. Atmos. Terr. Phys., 57, 367-373.
- Schwander, H., B. Mayer, A. Ruggaber, A. Albold, G. Seckmeyer, and P. Koepke(1999), Method to determine snow albedo values in the ultraviolet for radiative transfer modeling, Appl. Opt., 38, 3869-3875.
- Solomon, S., R. W. Portmann, T. Sasaki, D. J. Hofmann, and D. W. J. Thompson(2005), Four decades of ozonesonde measurements over Antarctica, J. Geophys. Res., 110, D21311, doi:10.1029/2005JD005917.
- Uchino, O., R. D. Bojkov, D. S. Balis, K. Akagi, M. Hayashi, and R. Kajihara(1999), Essential characteristics of the Antarctic-spring ozone decline: data updated to 2005, Geophys. Res. Lett., 26, 1377-1380.
- WHO, WMO, UNEP, NIR(2002), Global Solar UV Index. A practical Guide, <http://www.who.int/uv/publications/en/GlobalUVI.pdf>.
- WMO(1992), Scientific assessment of ozone depletion:1991, Global Ozone Research and Monitoring Project Report, No. 25.

WMO(1995), Scientific assessment of ozone depletion:1994, Global Ozone Research and Monitoring Project Report No. 37.

WMO(1998), SPARC-WCRP/IOC Assessment of Trends in the Vertical Distribution of Ozone, WMO-Ozone Research and Monitoring Project Report No. 43.

WMO(1999), Scientific assessment of ozone depletion:1998, Global Ozone Research and Monitoring Project Report No. 44.

WMO(2003), Scientific assessment of ozone depletion:2002, Global Ozone Research and Monitoring Project Report No. 47.

WMO(2005), Press release April 2005-SCOUT-03: Low temperatures in the Arctic stratosphere has led to severe ozone loss during the spring of 2005, <http://www.wmo.ch/web/arep/reports/press-release-apr-2005.pdf>

WMO(2006), Antarctic Ozone Bulletin 2005, No. 8 Winter/spring summary.

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