

Lähdeviitteet

Arctowski H, Meteorologie: *Phenomenes optiques de l'atmosphère*, “*Résultats du Voyage du S. Y. Belgica en 1897-1898-1899*”, (Buschmann: Anvers, 1902).

Barkow E, *Die Ergebnisse der meteorologischen Beobachtungen der Deutschen Antark.-Expedit. 1911-1912*. Veröff. Preuss. Met. Inst.n. 325, (1924).

Bottlinger C.F, “Über eine interessante optische Erscheinung bei einer Ballonfahrt,” *Meteorol. Z.* **27**, p. 74 (1910).

Bravais A, “Mémoire sur Les Halos et les Phénomènes Optiques qui les accompagnent,” *J.E.R. Polytech.* **18**, pp. 1-270 (1847).

Broomall C.M, “Lunar Halo,” *Science* **13**, p. 327 (1901).

Corliss W.R, *Rare Halos, Mirages, Anomalous Rainbows*, in Sourcebook Project (Sourcebook Project, Glen Arm, Md, 1984).

Dale R, “Elliptical Haloes,” *Nature* **101**, p. 2529 (1918).

Dietze G, *Einführung in die Optik der Atmosphäre* (Leipzig, Akad. Verlags. Ges. Geist und Portig, 1957).

Evans W. F. J. and Tricker R. A. R, “Unusual arcs in the Saskatoon halo display,” *Weather*, **27**, pp. 234-238 (1972).

Fraser A.B, “What size of ice crystals causes the halos?” *Journal of the Optical Society of America* **69**, pp. 1112-1118 (1979).

Gobel C.J, “Elliptical Lunar Halo,” *Marine Observer* **6**, (1929).

Greenler R.G. and Tränkle E, “Anthelic arcs from airborne ice crystals,” *Nature* **311**, pp. 339-343 (1984).

Greenler R.G, *Rainbows, Halos, and Glories* (Cambridge University Press, Cambridge, Mass. 1980).

Hakumäki J. and Pekkola M, “Rare vertically elliptical halos,” *Weather* **44**, pp. 466-473 (1989).

Hastings C.S, “A General Theory of Halos,” *Monthly Weather Review* **48**, (1920).

Humphreys W.J, *Physics of the Air*, 3rd Ed. (McGraw-Hill, New York 1940).

Hunter A.F, “Distorted Solar Halos,” *Journal of the Royal Astronomical Society of Canada* **12**, (1918).

Können G.P, *Polarized Light in Nature* (Cambridge University Press, New York 1985).

Können G.P, “Identification of Odd-Radius Halo Arcs and of 44°/46° Parhelia by Their Inner-Edge Polarization,” *Applied Optics* **37**, n. 9, pp. 1450-1456 (1998).

Können G.P. and Tinbergen J, “Polarization Structures in Parhelic Circles and in 120° Parhelia,” *Applied Optics* **37** n. 9, pp. 1457-1464 (1998).

- Liljequist G.H., "Halo Phenomena and Ice-crystals," *Norwegian-British-Swedish Antarctic Expedition 1949-1952, Scientific Results* (Norsk Polarinstitut, Oslo, Norway, 1956), Vol. II, Part 2A.
- Lynch D.K., Gedzelman S.D. and Fraser A.B., "Subsuns, Bottlinger's rings and elliptical halos," *Applied Optics* **33**, n. 21, pp. 4580-4589, 4957 (1994).
- Maier W., "Kristallhalo," *Zeitschrift für Meteorologie* **4**, n. 4/5, pp. 111-119 (1950).
- Mallmann A.J., Hock J.L. and Greenler R.G., "Comparison of Sun Pillars With Light Pillars From Nearby Light Sources," *Applied Optics* **37** n. 9, pp. 1441-1449 (1998).
- Meyer R., *Die Haloerscheinungen, Probleme Kosm. Physik* **12** (H. Grand, Hamburg, 1929).
- Minnaert M., *The Nature of Light and Colour in the Open Air*, trans. H.M. Kremer-Priest, rev. K.E. Brian Jay (Dover, New York, 1954).
- Moilanen J., "New halo in northern Finland", *Weather* **53** n. 9, pp. 241-243 (1998).
- Neiman, P.J., "The Boulder, Colorado, Concentric Halo Display of 21 July 1986", *Bulletin of the American Meteorological Society* **70** n. 3, pp. 258-264 (1989).
- Ohtake T., "Unusual crystal in ice fog," *J. Atmos. Sci.* **27**, pp. 509-511 (1970).
- Parry W.E., *Journal of a Voyage for the Discovery of a Northwest Passage* (Murray, London 1821, reprinted ed. Greenwood, New York, 1968).
- Pattloch F. and Tränkle E., "Monte Carlo simulation and analysis of halo phenomena," *Journal of the Optical Society of America A* **1**, n. 5, pp. 520-526 (1984).
- Pekkola M., "Finnish Halo Observing Network: search for rare halo phenomena," *Applied Optics* **30**, n. 24, pp. 3542-3544, 3552 (1991).
- Pekkola M., Riikonen M., Moilanen J. and Ruuskanen J., "Halo Arcs From Airborne, Pyramidal Ice Crystals Falling With Their C Axes in Vertical Orientation", *Applied Optics* **37**, n. 9, pp. 1435-1440 (1998).
- Riikonen M. and Ruuskanen J., "Observations of vertically elliptical halos," *Applied Optics* **33**, pp. 4537-4538 (1994).
- Pernter J.M. and Exner F.M., *Meteorologische Optik*, 2nd ed. (Braumüller, Vienna and Leipzig, 1922).
- Ripley E.A. and Saugier B., "Photometeors at Saskatoon on 3 December 1970," *Weather* **26**, (1971).
- Sassen K., "Polarization and Brewster angle properties of light pillars", *Journal of the Optical Society of America A* **4**, n. 3, pp. 570-580 (1987).
- Schlesinger F., "Elliptical Lunar Halos," *Nature* **91**, p. 2266 (1913).
- Scorer R., *Clouds of the World* (Stackpole Books, Harrisburg, Pa. 1972).
- Tape W., "Analytic Foundations of Halo Theory," *Journal of the Optical Society of America* **70**, n. 10, pp. 1175-1192 (1980).
- Tape W., "Some ice crystals that made halos," *Journal of the Optical Society of America* **73**, n. 12, pp. 1641-1645 (1983).

- Tape W, *Atmospheric Halos*, (American Geophysical Union, Washington, D.C, 1994).
- Tränkle E. and Greenler R.G, “Multiple scattering effects in halo phenomena,” *Journal of the Optical Society of America A* **4**, pp. 591-599 (1987).
- Tricker R.A.R, *Ice Crystal Haloes* (Optical Society of America, Washington, D.C, 1979a).
- Tricker R.A.R, A simple theory of certain heliacal and anthelic halo arcs: The long hexagonal ice prism as a kaleidoscope, “*Quarterly J. of R.M.S.* **99**, pp. 649-656 (1973).
- Tricker R.A.R, “Arcs associated with halos of unusual radii,” *Journal of the Optical Society of America* **69**, pp. 1093-1100 (1979).
- Tricker R.A.R, *Introduction to Meteorological Optics* (American Elsevier, New York, 1970).
- Tricker R.A.R, “Observations on certain features to be seen in a photograph of haloes taken by Dr. Emil Schulthess in Antarctica,” *Quarterly J. of R.M.S.* **98**, pp. 542-562 (1972).
- Tränkle E. and Riikonen M, “Elliptical halos, Bottlinger’s rings, and the ice-plate snow-star transition,” *Applied Optics* **35**, n. 24, pp. 4871-4878 (1996).
- Visser S.W, “Die Haloerscheinungen,” *Handbuch der Geophysik* **8**, p. 1027 (Berlin, Bornträger, 1960).
- Visser S.W, *Optische Verschijnselen aan de Hemel*, Verspreide Opstellen (Koninklijk Nederlands meteorologisch Instituut 3, s’Gravenhage, 1957).
- Wegener A, *Optik der Atmosphäre, Müller-Ponillets Lehrbuch der Physik* **5**, n. 1, p. 274 (1928).
- Wegener A, “Photographie optischer Erscheinungen vom Ballon aus, *Jahrbuch des Luftschiffahrtsverbandes*, p. 74 (Berlin, 1911).
- Wegener A, “Theorie der Haupthalos,” *Aus. d. Arch. d. Deutschen Seewarte* **43**, (2) (1926, Jahrgang 1925).
- Weickmann H, “Formen und Bildung atmosphärischer Eiskristalle,” *Beitr. Phys. Atmos.* **28**, pp. 12-52 (1945).
- Whalley E, “Scheiner’s Halo: Evidence for Ice Ic in the Atmosphere,” *Science* **211**, n. 4480, pp. 389-390 (1981).



Halojaosto