

## 気象学教科書・参考書のリスト

新田 尚\* 田中 康夫\*\*

### 1. はじめに

本講座の第1回で、既に気象学の全般的教科書・参考書の紹介が行われている。また、それ以後の各回の講座の中でも、数多くの単行本になったテキスト類や参考書が、論文類と共に紹介されている。

本文では、第1回以降の2年間に新たに刊行された教科書・参考書を中心に、なるべく気象学や大気物理学全般に関係した書物をリスト・アップすることにした。しかし、部分的にはそれぞれの専門分野の講座と重複することもある。(なお、値段は判明したもののみつけてある)。

### 2. 一般書

気象ハンドブック 編集委員会編：気象ハンドブック，1979，朝倉書店，¥9800。

駒林 誠 編：天気科学，1976，朝日小事典，朝日新聞社，¥980。

根本順吉・吉野正敏監修：気候と人間シリーズ(全7巻)，朝倉書店，(1巻：世界の気候・日本の気候，吉野正敏，1979，¥1800)，(2巻：気候変化・長期予報，根本順吉・朝倉 正，1980，¥2300)，(3巻：風土論・生気候，千葉徳爾・榎山政子，1979，¥1800)，(4巻：気候と文明・気候と歴史，鈴木秀夫・山本武夫，1978，¥1800)，(5巻：動・植物と気候，安江安宣)，(6巻：諸産業と気候，内嶋善兵衛)，(7巻：大気環境論，河村 武)。

山本義一総編集：大気環境の科学(全5巻)，東大出版会(1.大気の光科学，鈴木 伸編)，(2.大気汚染物質の動態，磯野謙治編)，(3.都市の大気環境，河村 武編)，(4.気候変動，山本義一編)，(5.大気環境の変化

と植物，門司正三・内嶋善兵衛編)。

グディー，ウォーカー著，安田敏明・根本順吉訳：大気科学入門，1978，地球科学入門シリーズ10，共立出版，¥1600(原著 Goody, R.M., J.C.G. Walker: Atmospheres, 1972, ¥2000)。

バタン著，安田敏明訳：気象学入門，1976，地球科学入門シリーズ13，共立出版，¥1500。(原著 Battan, L.J.: Weather, 1974, Foundation of Earth Science Series, Prentice-Hall, Inc., ¥2000)。

American Meteorological Society; Curricula in the Atmospheric and Oceanographic Sciences, 1978, American Meteorological Society.

Atlas, David. editor; Atmospheric Science and Public Policy, 1976, AMS.

Barry, R.G. and R.J. Chorley; Atmosphere, Weather and Climate (3rd Ed.), 1977, Methuen & Co. Ltd., ¥2500.

Battan, L.J.; Fundamentals of Meteorology, 1979, Prentice-Hall, Inc., ¥4000

Blackadar, Alfred K., and Earl G. Droessler; Workshop on the Future of National Atmospheric Research, 1977, AMS.

Danillina, I.P., and A.P. Kapitsa; Meteorology and Climatology, Vol. 1, 1975, G.K. Hall & Co.

———, editor; Meteorology and Climatology, Vol. 2, 1976, G.K. Hall & Co.

Donath, F.A., F.G. Stehli and G.W. Wetherill, editors; Annual Review of Earth and Planetary Sciences, Vol. 4, 1976, Annual Reviews, Inc.

Donath, Stehli and Wetherill, editors; Annual Review of Earth and Planetary Sciences (Vol. 6), 1978, Annual Reviews, Inc.

Eskinazi, S.: Fluid Mechanics and Thermodynamics

\* Takashi Nitta, 気象庁電子計算室(現 業務課)。

\*\* Yasuo Tanaka, 気象庁長期予報課。

- of Our Environment, 1975, Academic Press.
- Glantz, Michael H., *et al.*; Multidisciplinary Research Related to the Atmospheric Sciences, 1978, NCAR. ICSU-WMO; Report of the JOC/SCOR Joint Study Conference on General Circulation Models of the Ocean and their Relation to Climate (23-27 May 1977), Helsinki, 1977, Vol. I and II, WMO.
- Kellogg, W.W., and M. Mead, editors; The Atmosphere: Endangered and Endangering, 1977, U.S. Government Printing Office.
- Landsberg, H.E. and J. Van Mieghem, editors; Advances in Geophysics, Vol. 19, 1976, Academic Press.
- Lapedes, Daniel N.; McGraw-Hill Encyclopedia of the Geological Sciences, 1978, McGraw-Hill Book Co.
- Lutgens, F.K. and E.J. Tarbuck; The Atmosphere—An Introduction to meteorology, 1979, Prentice Hall, Inc., ¥4000.
- Marois, M., editor; Towards a Plan of Actions for Mankind (Vol. 1-5) 1978, Pergamon Press.
- Mastitz, Anna and Vittori, Ottavio; Papers in Atmospheric Science or Occasional Edition of Selected Papers of the Reserach Group "Microfisica Dell' Atmosfera", 1977, Cooperativa Libreria Universitaria Editrice.
- McCormac, B.M.; Atmospheres of Earth and the Planets, 1975, D. Reidel Publishing Co.
- McEwan, Murray J. and Leon F. Phillips; Chemistry of the Atmosphere, 1975, Halsted Press.
- Metcalf, Robert L. and James N. Pitts, Jr., editors; Advances in Environmental Science and Technology, Vol. 5, 1975, Wiley-Interscience.
- Navana, J.G.; Atmosphere, Weather and Climate—An Introduction to Meteorology, 1979, W.B. Saunders, Co., ¥5000.
- Pitts, James, N., and Robert L. Metcalf, editors; Advances in Environmental Science and Technology, Vol. 7, 1976, Wiley-Interscience.
- Saltzman, Barry, editor; Advances in Geophysics (Vol. 20), 1978, Academic Press, Inc.
- Strahler, A.H. and A.N. Strahler; Elements of Physical Geography, 1976, Wiley-Interscience.
- Van Dyke, Milton, Walter G. Vincenti and J.V. Wehausen, editors; Annual Review of Fluid Mechanics, Vol. 7, 1975, Annual Reviews, Inc.
- , ———, and ———, editors; Annual Review of Fluid Mechanics, Vol. 8, 1976, Annual Reviews, Inc.
- , J.V. Wehausen and J.L. Lumley, editors; Annual Review of Fluid Mechanics; Vol. 9, 1977, Annual Reviews, Inc.
- , ———, and ———, editors, Annual Review of Fluid Mechanics, Vol. 10, 1978, Annual Reviews, Inc.
- Van Dyke, Milton, *et al.*, editors; Annual Review of Fluid Mechanics (Vol. 11), 1979, Annual Reviews Inc.,
- Verniani, F, editor; Structure and Dynamics of the Upper Atmosphere (Developments in Atmospheric Science, I), 1974, Elsevier Publishing Co., ¥29000.
- Weast, Robert C., editor; CRC Handbook of Chemistry and Physics, 59 th edition, 1979, CRC Press, Inc.
- WMO, IAMAP, COSPAR and MSJ; Proceedings of the Symposium on the Use of Satellite Data in Meteorological Research (Nov. 3-5, 1978, Tokyo), 1979, ¥1000 (日本気象学会で扱っている).
- WMO; Proceedings of the World Climate Conference—a conference of experts on climate and mankind (12-23 Feb. 1979, Geneva), 1979, WMO-No. 537. World Meteorological Organization, ¥6000

#### GARP Publication Series

(GARP 関係の出版物の中で、参考書として有用な書物が多く収められている。いずれも約 ¥3000)。

- No. 1 An introduction to GARP (Global Atmospheric Research Programme), 1969.
- No. 2 Systems possibilities for an early GARP experiment (Report of COSPAR Working Group VI Report to JOC), 1969.
- No. 3 The planning of the first GARP global experiment, 1969.
- No. 4 The planning of GARP tropical experiments, 1970.
- No. 5 Problems of atmospheric radiation in GARP, 1970.
- No. 6 Numerical experimentation related to GARP,

- 1970.
- No. 7 The GARP Programme on Numerical Experimentation, 1971.
- No. 8 Parameterization of sub-grid scale processes, 1972.
- No. 9 The Basic Data Set Project, By T. Thompson, 1972.
- No. 10 Methods for the approximate solution of time-dependent problems, By H. Kreiss and J. Olinger, 1973.
- No. 11 The First GARP Global Experiment—Objectives and plans, 1973.
- No. 12 The Complete Atmospheric Energetics Experiment (CAENEX), 1973.
- No. 13 The Air Mass Transformation Experiment (AMTEX).
- No. 14 Modelling for the First GARP Global Experiment, 1974.
- No. 15 4-dimensional assimilation of meteorological observations, By L. Bengtsson, 1975.
- No. 16 The physical basis of climate and climate modelling, Report of the International Study Conference in Stockholm, 29 July-10 August 1974, organized by WMO and ICSU and supported by UNEP, 1975.
- No. 17 Numerical methods used in atmospheric models—Volume I, By F. Mesinger and A. Arakawa, 1976—Volume II, 1979.
- No. 18 The Monsoon Experiment, 1976.
- No. 19 The polar sub-programme, 1978.
- No. 20 Numerical modelling of the tropical atmosphere, 1978.
- No. 21 The West African monsoon experiment (WAMEX), 1978.
- アメリカ気象学会 (AMS) から出ている, シンポジウム, 会議の予稿集は, Bulletin of AMS を見るとよい.
- WMO から出ている, シンポジウム, 技術書類については, Catalogue: Publications of the World Meteorological Organization を見るとよい.
- 根本順吉他著: 気象, 1979, 地球科学講座 3, 共立出版, ¥3000.
- 福井英一郎: 気候学概論, 1978, 朝倉書店, ¥2800.
- Anthes, Richard A.; Weather Around Us, 1976, Charles E. Merrill Publishing Co.
- , H.A. Panofsky, J.J. Cahir and A. Rango; The Atmosphere, 2nd edition, 1978, Boyd Lane/Merrill Publishers.
- Bockris, J. O'M., editor; Environmental Chemistry, 1976, Plenum Publishing Corp.
- Boucher, Keith; Global Climate, 1975, Halsted Press.
- Bradshaw, M.J., *et al.*; The Earth's Changing Surface, 1978, Halsted Press.
- Chelius, C.R. and H.J. Frenz.; A Basic Meteorology Exercise Manual, 1976, Kendall Hunt Publishing Co.
- Cole, Franklyn; Introduction to Meteorology, 2nd edition, 1975, John Wiley & Sons. Inc.
- Decker, F.W.; Weather Map Study, 1976, Weather Workbook.
- ; Weather Workbook, 1976, Weather Workbook.
- Dutton, John A.; The Ceaseless Wind: An Introduction to the Theory of Atmospheric Motion, 1976, McGraw-Hill Book Co., ¥9000.
- Eliassen, Arnt and Pedersen, Kaare; Meteorology, An Introductory Course. Physical Processes and Motion (Vol. 1) and Application to Weather and Weather Systems (Vol. 2), 1978, Columbia University Press, ¥6500.
- Essenwanger, Oskar M.; Applied Statistics in Atmospheric Science, Part A: Frequencies and Curve Fitting (Developments in Atmospheric Science, 4), 1976, Elsevier Publishing Co., ¥21000.
- Fein, Jay S.; Boundary Layers in Homogeneous and Stratified-Rotating Fluids, 1978, University Microfilms International.
- Griffiths, John F.; Applied Climatology; An Introduction, 2nd edition, 1976, Oxford University Press.
- ; Climate and the Environment: The Atmospheric Impact on Man, 1976, Westview Press.
- Holton, J.R.; An Introduction to Dynamic Meteorology, 2nd ed., 1979, Academic Press, ¥7000.

### 3. 教科書

各分野の中にも教科書的な書物が入っている。

栗原宣夫: 大気力学入門, 1979, 岩波全書, ¥1600.

1980年5月

- Houghton, J.T.; *The Physics of Atmosphere*, 1977, Cambridge University Press.
- Kals, W.S.; *The Riddle of the Winds*, 1977, Doubleday & Co., Inc.
- Kotsch, William J.; *Weather for the Mariner*, 2nd edition, 1977, U.S. Naval Institute Press.
- Lighthill, James; *Waves in Fluids*, 1978, Cambridge University Press, ¥11500.
- Linacre, Edward and Hobbs, John; *The Australian Climatic Environment*, 1977, John Wiley & Sons, Inc.
- London Meteorological Office; *A Course in Elementary Meteorology*, 2nd edition, 1978, Pendragon House Inc., ¥3000.
- McCormick, J.M. and J.V. Thiruvathakal; *Elements of Oceanography*, 1976, W.B. Saunders Co.
- Miller, Albert; *Meteorology*, 3rd edition, 1976, Charles E. Merrill Publishing Co.
- and Jack C. Thompson; *Elements of Meteorology*, 2nd edition, 1975, Charles E. Merrill Publishing Co.
- Monin, A.S. and A.M. Yaglow; *Statistical Fluid Mechanics—mechanics of turbulence*, Vol. I, 1971, ¥7000; Vol. II, 1975, ¥14000, The MIT Press. (和訳は山田豊一訳: 統計流体力学, I ¥5000; II ¥6000; III ¥6500; IV ¥8000, 総合図書).
- Riehl, Herbert; *Introduction to the Atmosphere*, 3rd edition, 1978, McGraw-Hill Book Co., ¥5000.
- Rogers, R.R.; *A short Course in Cloud Physics*, 1976, Pergamon Press.
- Ross, David A.; *Introduction to Oceanography*, 2nd edition, 1976, Prentice-Hall, Inc.
- Wallace, J.M. and P.V. Hobbs; *Atmospheric Sciences: An Introductory Survey*, 1977, Academic Press, ¥6000.
- Weisberg, Joseph S.; *Meteorology: The Earth and Its Weather*, 1976, Houghton Mifflin.
- Wiin-Nielsen, Aksel, editor; *Compendium of Meteorology Part 3—Synoptic Meteorology (Vol. 1)*, 1978, UNIPUB.
- 予報 (会議論文集, 1977年12月22~28日), 1980, 科学出版社.
- Barry, R.G. and A.H. Perry; *Synoptic Meteorology—methods and applications*, Methuen & Co. Ltd., ¥8000.
- Gordon, Adrian H. and Ronald C. Taylor; *Computations of Surface Layer Air Parcel Trajectories and Weather in the Oceanic Tropics (International Indian Ocean Expedition Meteorological Monographs, No. 7)*, 1975, East-West Center, University.
- Gottlieb, D. and Orszag, S.A.; *Numerical Analysis of Spectral Methods: Theory and Applications*, 1977, The Society for Industrial and Applied Mathematics.
- Gudkovic, Z.M., B.A. Krutskuh and A.L. Sokolov, editors; *Ice Forecasting Techniques for the Arctic Seas*, 1976, National Technical Information Service.
- Marchuk, G.I.; *Numerical Methods in Weather Prediction*, 1974, Academic Press, ¥10000.
- Mitchell-Christie, F.; *Practical Weather Forecasting*, 1977, William Luscombe Pub. Ltd., ¥2500.
- National Research Council Geophysics Research Board; *Geophysical Predictions*, 1978, National Academy of Sciences.
- NCAR; *Weather Forecasting and Weather Forecasts—models, systems and uses*, Vol. I and II, 1976, National Center for Atmospheric Research.
- Sulakveldize, G.K., N.I. Glushkova and L.M. Fedchenko; *Forecasting of Hail, Thunderstorms, and Showers*, 1977, John Wiley & Sons, Inc.

#### 5. 大気と海洋

- Harvey, J.G.; *Atmosphere and Ocean: Our Fluid Environment*, 1978, Crane, Russak and Co.
- Holland, Heinrich, D.; *The Chemistry of the Atmosphere and Oceans*, 1978, John Wiley and Sons, Inc.
- Perry, A.H. and Walker, J.M.; *The Ocean-Atmosphere System*, 1977, Longman Group Ltd.

#### 6. 気候変動

- Australian Academy of Science; *Report of a Committee on Climatic Change*, 1976, Australian Academy of Science, ¥17500.
- Bach, Wilfrid, *et al.*, editors; *Man's Impact on Climate*

#### 4. 天気解析と天気予報

中国中央気象局気象科学研究所編: 第2次全国数値天気

- (Developments in Atmospheric Science 10), 1979, Elsevier.
- Bernard, Howard W. Jr.; *Weather Watch*, 1979, Walker and Company.
- Fritts, Harold C.; *Tree Rings and Climate*, 1976, Academic Press.
- Glantz, Michael H., editor; *Desertification: Environmental Degradation in and around Arid Lands*, 1977, Westview Press.
- , editor; *The Politics of Natural Disaster: The Case of the Sahel Drought*, 1976, Praeger Publishers.
- Gribbin, J.; *What's wrong with our Weather—The Climate Threat of the 21st Century*, 1979, Charles Scribner's Sons, ¥3000.
- Gribbin, John; *Climatic Change*, 1978, Cambridge University Press, ¥3500.
- ; *Forecasts, Famines, and Freezes: The World's Climate and Man's Future*, 1976, Walker and Co.
- Lamb, H.H.; *Climate: Present, Past and Future*, Vol. I *Fundamentals and Climate Now*, 1972, ¥14000; Vol. II *Climatic History and the Future*, 1977, ¥24000, Methuen & Co. Ltd.
- Mosley, F. and A.E. Wright; *Ice Ages: Ancient and Modern*, 1975, Seel House.
- Namias, J.; *Short Period Climatic Variations. Collected Works of J. Namias, 1934 through 1974*, 1975, University of California, San Diego.
- National Defense University *et al.*: *Climate Change to the Year 2000: A Survey of Expert Opinion*, 1978, National Technical Information Series (ADA 054, 208).
- Parry, M.L.; *Climatic Change, Agriculture and Settlement*, 1978, Shoe String Press.
- Pittock, A.B., *et al.*, editors; *Climatic Change and Variability, A Southern Perspective*, 1978, Cambridge University Press, ¥12000.
- Ponte, Lowell; *The Cooling*, 1976, Prentice-Hall, Inc.
- Schneider, Stephen H. and Lynne E. Mesirov; *The Genesis Strategy: Climate and Global Survival*; 1976, Plenum Publishing Cop., ¥6000.
- Tickell, Crispin; *Climate Change and World Affairs*, 1977, Center for International Affairs, Harvard University.
- Williams, Jill, editor; *Carbon Dioxide, Climate and Society*, 1978, Pergamon Press.

## 7. 気 候

福井英一郎・吉野正敏編：気候環境学概論，1979，東大出版会，¥2800.

吉野正敏：気候学，1979，大明堂，¥2500.

Arakawa, H. (editor); *Climates of Northern and Eastern Asia*, 1969, Elsevier Pub. Co., ¥26000.

Bach, W., J. Pankrath and W. Kellogg, (editors); *Man's Impact on Climate*, (Developments in Atmospheric Science, 10), 1978, Elsevier Pub. Co., ¥17000.

Barret, E.C.; *Climatology from Satellite*, Methuen & Co. Ltd., ¥8000.

Biswas, Margaret R., and Biswas, Asit K., editors, *Food, Climate, and Man*, 1979, John Wiley & Sons, Inc.

Bowling, Sue Ann, and Gunter Weller; *Climate of the Arctic*, 1975, Geophysical Institute, University of Alaska.

Bryson, R.A. and F.K. Hare, editors, *Climates of North America*, 1974, Elsevier Pub. Co., ¥29000.

Derbyshire, Edward, editor; *Geomorphology and Climate*, 1976, John Wiley & Sons, Inc.

Eagleman, Joe R.; *The Visualization of Climate*, 1976, D.C. Heath and Co.

Embleton, Clifford and Cuchlaine A.M. King; *Glacial and Periglacial Geomorphology*, Vols. 1 and 2, 2nd Ed., 1975, Halsted Press.

Flohn, H., editor; *General Climatology*, 2, 1969, Elsevier Pub. Co., ¥24000.

Fukui, E., editor; *The Climate of Japan* (Developments in Atmospheric Science, 8), 1978, Elsevier Pub. Co., ¥19000.

Gentili, J., editor; *Climates of Australia and New Zealand*, 1971, Elsevier Pub. Co., ¥34000.

Griffiths, J.F., editor; *Climates of Africa*, 1971, Elsevier Pub. Co., ¥44000.

Hage, K.D., Reinelt, E.R., editors; *Essays on Meteorology and Climatology: In Honour of Richmond W. Longley*, 1978, Department of Geography, Uni-

- versity of Alberta.
- Hnatiuk, R.J., J.M.B. Smith, and D.N. McVean; The Climate of Mt. Wilhelm, 1976, Publishers Marketing Group, B & T Co.
- Hope, Geoffrey S., *et al.*, editors; The Equatorial Glaciers of New Guinea, 1976, A.A. Balkema Publishers.
- Lacy, R.E.; Climate and Building in Britain, 1978, Pendragon House.
- Lengerke, H.J.; The Nilgiris: Weather and Climate of a Mountain Area in South India, 1977, Franz Steiner Verlag GmbH.
- Lockwood, J.G.; Causes of Climate, 1979, Edward Arnold, ¥4000.
- Lydolph, Paul E.; Climates of the Soviet Union, 1976, Elsevier Pub. Co., ¥29000.
- National Research Council; Climate and Water Supply, 1977, National Academy of Sciences/National Research Council.
- Nieuwolt, S.; Tropical Climatology: An Introduction to the Climates of the Low Latitudes, 1977, John Wiley & Sons, Inc.
- Oke, T.R.; Boundary Layer Climates, 1978, Halsted Press, ペーパーバックス, ¥5000.
- Orvig, S., editor; Climates of the Polar Regions, 1970, Elsevier Pub. Co., ¥32000.
- Pagny, Pierre; Les Climats de la Terre, 1976, Editions Masson.
- Rex, D.F., editor; Climate of the Free Atmosphere, 1969, Elsevier Pub. Co., ¥34000.
- Rosenberg, Norman J., editor; North American Droughts, 1978, Westview Press.
- Schwerdtfeger, Werner, editor; Climates of Central and South America, 1976, Elsevier Pub. Co., ¥33700.
- Wallen, C.C., editor; Climates of Central and Southern Europe, 1977, Elsevier Pub. Co., ¥24000.
- Yoshino, M.M.; Climate in a Small Area, An Introduction to Local Meteorology, 1975, International Scholarly Book Services, Inc.
- Design and Control, 1978, Pergamon Press.
- Allaby, M., editor; A Dictionary of the Environment, 1978, Van Nostrand Reinhold.
- Bailey, R.A., *et al.*; Chemistry of the Environment, 1978, Academic Press, ¥8000.
- Barry, R.G. and Jack D. Ives, editors; Arctic and Alpine Environments, 1975, Methuen & Co.
- Cronin, N.J., editor; EIS (Environmental Impact Statements) Annual Review (Vol. 1), 1978, Information Resources Press.
- Environmental Studies Board, National Research Council; Chloroform, Carbon Tetrachloride, and Other Halomethanes: An Environmental Assessment, 1978, National Academy of Sciences.
- Goudie, Andrew and John Wilkinson; The Warm Desert Environment, 1977, Cambridge Press.
- Goulden, P.D.; Environmental Pollution Analysis, 1978, Heyden & Son, Inc.
- Government Institutes Inc.; Environmental Law Handbook, 5th edition, 1978, Government Institutes, Inc.
- Horne, R.A.; The Chemistry of Our Environment, 1978, John Wiley & Sons, Inc.
- Klein, Donald A., editor; Environmental Impacts of Artificial Ice Nucleating Agents, 1978, Dowden, Hutchinson & Ross, Inc.
- Monkhouse, F.J. and Small, John; A Dictionary of the Natural Environment, 1978, Halsted Press.
- Muschett, F.D.; Coal Development in Montana: Economic and Environmental Impacts, 1977, Michigan Geographical Publications, University of Michigan.
- Scorer, R.S.; Environmental Aerodynamics, 1978, John Wiley & Sons, Inc., ¥15000.
- Singer, S.F., editor; The Changing Global Environment, 1975, D. Reidel Pub. Co.
- Smith, Keith; Principles of Applied Climatology, 1975, John Wiley & Sons, Inc.
- Toribara, T.Y., *et al.*; Environmental Pollutants, Detection and Measurement, 1977, Plenum Press.

## 8. 環境

Akashi, H., editor; Environmental Systems, Planning,

## 9. 大気汚染

Air Pollution Control Association; Air Pollution Measurement Accuracy As It Relates to Regulation Com-

- pliance, 1975, Air Pollution Control Association.
- ; The Clean Air Act: Its Influence on Growth, 1976, Air Pollution Control Association.
- American Institute of Chemical Engineers; Air Pollution Control and Clean Energy, 1976, American Institute of Chemical Engineers.
- Bach, Wilfrid and Anders Daniels; Handbook of Air Quality in the United States, 1975, The Oriental Publishing Co.
- Benare, Michel, editor; Atmospheric Pollution, 1976, Elsevier Publishing Co.
- Buonicore, Anthony J. and Louis Theodore; Industrial Air Pollution Control Equipment for Particulates, 1976, CRC Press.
- Cheremisnoff, Paul N. and Richard A. Young, editors; Air Pollution Control and Design Handbook, Vols. 1 and 2, 1977, Marcel Dekker, Inc.
- Cheremisnoff, P.N. and Morresi, A.C.; Air Pollution Sampling and Analysis Deskbook, 1978, Ann Arbor.
- Clear Air Society of Australia and New Zealand; International Clean Air Conference (1978), 1978, Ann Arbor.
- Davis, Wayne T. and Kenneth E. Noll; Power Generation: Air Pollution Monitoring and Control, 1976, Ann Arbor Science Publishers.
- Deits, V.R., editor; Removal of Trace Contaminants from the Air, 1977, American Chemical Society.
- Dzubay, T.G., editor; X-ray Fluorescence Analysis of Environmental Samples, 1977, Ann Arbor Science Publishers.
- Florida Sulfur Oxides Study, Inc.; Florida Sulfur Oxides Study, 1978, Florida Sulfur Oxides Study, Inc.
- Guderian, Robert; Air Pollution, Phytotoxicity of Acidic Gases and Its Significance in Air Pollution Control, 1977, Springer-Verlag.
- Husar, R.B., *et al.*, editors; Sulfur in the Atmosphere, 1978, Pergamon Press.
- Kohn, Robert E.; A Linear Programming Model for Air Pollution Control, 1978, MIT Press.
- Kozlowski, T.T. and J. Brian Mudd, editors; Responses of Plants to Air Pollution, 1975, Academic Press.
- Lave, L.B. and Seskin, E.P.; Air Pollution and Human Health, 1978, Johns Hopkins University Press.
- Morse, H. Newcomb; Legal Decisions in Air Pollution Control, 1976, Air Pollution Control Association.
- Noll, Kenneth E. and Terry L. Miller; Air Monitoring Survey Design, 1977, Ann Arbor Science Publishers.
- Nriagu, Jerome O., editor; Sulfur in the Environment, Part 1: The Atmospheric Cycle, 1978, John Wiley & Sons, Inc.
- Ocean Sciences Board; Tropospheric Transport of Pollutants and Natural Substances, 1978, National Academy of Sciences/National Research Council.
- Oikawa, Kikuo; Trace Analysis of Atmospheric Samples, 1977, Halsted Press.
- Ott, Wayne R. and Gary C. Thom; Air Pollution Indices: A Compendium and Assessment of Indices Used in the United States and Canada, 1976, Ann Arbor Science Publishers.
- Parker, H.W.; Air Pollution, 1977, Prentice-Hall, Inc.
- Perry, R. and R. Young; Handbook of Air Pollution Analysis, 1978, Halsted Press.
- Sittig, Marshall; How to Remove Pollutants and Toxic Materials from Air and Water, A Practical Guide, 1977, Noyes Data Corp.
- Smith, V. Kerry; Economic Consequences of Air Pollution, 1976, Ballinger Publishing Co.
- Stern, A.C., editor; Air Pollution, Vol. 1: Air Pollutants, Their Transformation and Transport, 3rd edition, 1976, Academic Press.
- ; Air Pollution, Vol. 2: The Effects of Air Pollution, 3rd edition, 1977, Academic Press.
- ; Air Pollution, Vol. 3: Measureing, Monitoring, and Surveillance of Air Pollution, 3rd edition, 1977, Academic Press.
- ; Air Pollution, Vol. 4: Engineering Control of Air Pollution, 3rd edition, 1977, Academic Press.
- ; Air Pollution, Vol. 5: Air Quality Management, 1977, Academic Press.
- Strauss, W., editor; Air Pollution Control, Part 3: Measureing and Monitoring Air Pollutants, 1978, John Wiley & Sons, Inc.
- Suffet, I.H., editor; Fate of Pollutants in the Air and Water Environments, Part 1, 1977, John Wiley &

- Sons, Inc.
- Tomany, James P.; Air Pollution: The Emissions, the Regulations and the Controls, 1975, Elsevier Publishing Co., ¥11600.
- Twomey, S.; Atmospheric Aerosols, 1977, Elsevier Publishing Co., ¥17600.
- Warner, Peter O.; Analysis of Air Pollutants, 1976, Wiley-Interscience.
- White, Hetherington & Thiele, editors; Proceedings of the International Clean Air Conference, 1978, Ann Arbor.
10. たつ巻など
- Eagleman, Joe R., Vincent U. Muirhead and Nicholas Willems; Thunderstorms, Tornadoes and Building Damage, 1975, D.C. Heath and Co.
- National Research Council; Severe Storms: Prediction, Detection, and Warning, 1977, National Academy of Sciences.
- Stanford, J.L.; Tornado, Accounts of Tornadoes in Iowa, 1977, Iowa State University Press.
11. 熱帯気象
- Krishnamurti, T.N., editor; Monsoon Dynamics (Contributions to Current Research in Geophysics(CCRG) 4), 1978, Birkhauser Verlag.
- Neumann, Charles J., *et al.*; Tropical Cyclones of the North Atlantic Ocean 1871-1977, 1978, Superintendent of Documents.
- Riehl, H.; Climate and Weather in Tropics, 1979, Academic Press, ¥17000.
- Shaw, D.B., editor; Meteorology over the Tropical Oceans—Collection of papers presented at a Joint Conference held 21-25 August 1978 in London, 1979, Royal Meteorological Society, ¥8500.
12. 大気放射・光・音響学
- Bolle, H.-J.; Radiation in the Atmosphere, 1977, Science Press.
- Clafin-Chalton, Sandra and McDonald, Gordon J.; Sound and Light Phenomena, a Study of Historical and Modern Occurrences, 1978, MITRE Corp.
- Coulson, Kinsell L.; Solar and Terrestrial Radiation: Methods and Measurements, 1975, Academic Press.
- Heuer, Kenneth; Rainbows, Halos, and Other Wonders—Light and Color in the Atmosphere, 1978, Dodd, Mead & Co.
- McCartney, Earl J.; Optics of the Atmosphere: Scattering by Molecules and Particles, 1976, John Wiley & Sons, Inc.
- Paltridge, G.W. and C.M.R. Platt; Radiative Processes in Meteorology and Climatology (Developments in Atmospheric Science, 5), 1976, Elsevier Pub. Co., ¥17000.
- Sepucha, Robert C., editor; Optical Properties of the Atmosphere, 1978, SPIE.
- Sobolev, V.V.; Light Scattering in Planetary Atmosphere, 1975, Pergamon Press.
13. 雲物理学・雲力学
- Changnon, Stanley A., *et al.*; Hail Suppression, Impacts and Issues, 1977, Illinois State Water Survey.
- Farhar, Barbara, editor; Hail Suppression: Society and Environment, 1977, University of Colorado.
- Foote, G. Brant and Charles A. Knight; Hail: A Review of Hail Science and Hail Suppression, Meteorological Monograph No. 38, 1977, AMS.
- Gokhale, Narayan R.; Hailstorms and Hailstone Growth, 1976, State University of New York Press.
- Golde, R.H., editor; Lightning: Physics of Lightning (Vol. 1); and Lightning Protection (Vol. 2), 1977, Academic Press. Inc.
- Mason, B.J.; The Physics of clouds, 2nd Ed., 1971, Oxford Univ. Press, ¥9000.
- Mason, B.J.; Clouds, Rain and Rainmaking, 2nd edition, 1975, Cambridge University Press.
- Pruppacher, Hans R., editor; Cloud Dynamics, 1976, Birkhäuser Verlag.
- Pruppacher, Hans R. and Klett, J.D; Microphysics of Clouds and Precipitation, 1978, Reidel Publishing Co., ¥12000.
- Rogers, R.R.; A Short Course in Cloud Physics, 2nd edition, 1978, Pergamon Press.
14. 天候改変
- Breuer, Georg; Wetter nach Wunsch (Weather through



Desire?), 1976, Anstalt, Buchwerbung.  
 Davis, R.J. and Grant, L., editors; Weather Modification: Technology and Law, 1978, Westview Press.  
 Ferrar, Terry; Urban Costs of Climate Modification, 1976, John Wiley & Sons, Inc.  
 Thomas, William A., editor; Legal and Scientific Uncertainties of Weather Modification, 1977, Duke University Press.

15. 大気物理・化学

Chamberlain, Joseph W.; Theory of Planetary Atmospheres: An Introduction to Their Physics and Chemistry, 1978, Academic Press, ¥9000.  
 Dolezalek, H. and Reiter, R., editors; Electrical Processes in Atmospheres, 1977, Dr. Dietrich Steinkopff.  
 Graedel, T.E.; Chemical Components in the Atmosphere, 1978, Academic Press, ¥9000.  
 Hecklen, J.; Atmospheric Chemistry, 1976, Academic Press, ¥15000.  
 Levine, Joel S. and Schryer, David R., editors; Man's Impact on the Troposphere; Lectures in Tropospheric Chemistry, 1978, NTIS.  
 World Meteorological Organization; Papers Presented at the WMO Symposium on the Geophysical Aspects and Consequences of Changes in the Composition of the Stratosphere, Toronto, 26-30 June 1978, 1978, UNIPUB.  
 Walker, James C.G.; Evolution of the Atmosphere, 1977, Macmillan Co.

16. 都市気候

Ackerman, B., et al.; Summary of METROMEX. Causes of Precipitation Anomalies (Vol. 2), 1977, Illinois State Water Survey.  
 Changnon, Stanley A., et al.: Summary of METROMEX, Weather Anomalies and Impacts (Vol. 1), 1977, Illinois State Water Survey.  
 Royal Meteorological Society, Australian Branch; Bibliography on Urban Meteorological Studies in Australia, 1978, CSIRO Division of Atmospheric Physics.

17. 気象測器・観測

American Chemical Society; Conference Proceedings, Fourth Joint Conference on Sensing of Environmental Pollutants, 1978, American Chemical Society.  
 Barrett, E.C. and L.F. Curtis; Introduction to Environment Remote Sensing, 1977, Halsted Press.  
 Battan, L.J.; Radar Observation of the Atmosphere, 1973, Chicago Univ. Press.  
 Clough, Donald J. and Morley, Lawrence W.; Earth Observation Systems for Resource Management and Environmental Control, 1977, Plenum Publishing Corp.  
 Fymat, Alain L. and Zuev, Vladimir E., editors; Remote Sensing of the Atmosphere: Inversion Methods and Applications (Developments in Atmospheric Science, 9), 1978, Elsevier, ¥18000.  
 Gjessing, D.T.; Remote Surveillance by Electromagnetic Waves for Air, Water, Land, 1978, Ann Arbor.  
 Hinkley, E.D., editor; Laser Monitoring of the Atmosphere, 1976, Springer-Verlag.  
 Lintz, Joseph, Jr. and David S. Simonett, editors; Remote Sensing of Environment, 1976, Addison-Wesley Publishing Co.  
 NASA Lyndon B. Johnson Space Center; Skylab Explores the Earth, 1977, Superintendent of Documents.  
 Sabins, Floyd F. Jr.; Remote Sensing: Principles and Interpretation, 1978, W.H. Freeman & Co.  
 Schwerdtfeger, P.; Physical Principles of Micro-Meteorological Measurements (Developments in Atmospheric Science, 6), 1977, Elsevier Pub. Co., ¥11000.  
 Suomi, V.E.; Studies of the Atmosphere Using Aerospace Probes, 1977, University of Wisconsin.  
 Trolinger, J. and Moore, W.W., editors; Advances in Laser Technology for Atmospheric Sciences, 1978, Society of Photo-Optical Instrumentation Engineers.  
 Twomey, S.; Introduction to the Mathematics of Inversion in Remote Sensing and Indirect Measurements, 1977, Elsevier.  
 Wyant, J.C., editor; Imaging through the Atmosphere, 1976, Society of Photo-Optical Instrumentation Engineers.

## 18. 農業気象・生物気象

- Calabrese, E.J.; Pollutants and High Risk Groups, 1978, John Wiley & Sons, Inc.
- Godby, E.A. and Otterman, J., editors; The Contribution of Space Observations to Global Food Information Systems (Vol. 2, Advances in Space Exploration), 1978, Pergamon Press.
- Grace, J.; Plant Response to Wind, Experimental Botany, 1977, Academic Press.
- Jackson, I.J.; Climate, Water and Agriculture in the Tropics, 1977, Longman Publishers.
- Lee, Richard; Forest Microclimatology, 1978, Columbia University Press.
- Leith, Helmut; Phenology and Seasonality Modeling (Ecological Studies, 8), 1975, Springer-Verlag.
- Monteith, J.L., editor; Vegetation and the Atmosphere, Vols. 1 and 2, 1976, Academic Press.
- National Research Council's Board of Agriculture and Renewable Resources; Climate and Food: Climatic Fluctuation and U.S. Agricultural Production, 1976, National Research Council Printing and Publishing Office.
- Smith, L.P.; Progress in Plant Biometeorology: The Effect of Weather and Climate on Plants, Period 1963-1974 (Progress in Biometeorology, Division C: Vol. 1), 1975, Swets Book Services.
- ; Methods in Agricultural Meteorology (Developments in Atmospheric Science, 3), 1975, Elsevier Publishing Co., ¥14000.
- Sulman, Felix G.; Health, Weather and Climate, 1977, S. Karger AG.

## 19. エネルギー

- Campbell, Ian M.; Energy and the Atmosphere, A Physical-Chemical Approach, 1977, John Wiley & Sons, Inc. (和訳: 山元龍三郎・福山薫訳: エネルギーと大気, 1980, 共立出版, ¥4800).
- Cheremisinoff, N.P.; Fundamentals of Wind Energy, 1978, Ann Arbor.
- Considine, D.M., editor; Energy Handbook, 1977, McGraw-Hill Book Co.
- De Winter, F.; Sun: Mankind's Future Source of Energy, 1978, Pergamon Press.

- Hollander, Jack M., editor; Annual Review of Energy (Vol. 2), 1977, Annual Reviews, Inc.
- Jackson, C.I.; Human Settlements and Energy, A Seminar of the United Nations Economic Commission for Europe, 1978, Pergamon Press.
- National Research Council Geophysics Research Board; Energy and Climate—Studies in Geophysics, 1977, National Academy of Sciences.
- Paul, J.K.; Solar Heating and Cooling—Recent Advances, 1977, Noyes Data Corp.

## 20. 特定のテーマについて

- 井尻正二: 大氷河時代, 1979, 東海科学選書, 東海大学出版会, ¥1200.
- 木村竜治: 流れの科学, 1979, ———, ———, ¥980.
- 小泉袈裟勝編: (英和) 単位小事典, 1979, ジャパンタイムズ, ¥2400.
- 桜井邦朋: 太陽大気とその外延, 1979, UP アースサイエンス, 東大出版会, ¥980.
- 島崎達夫: 成層圏オゾン, 1979, ———, ———, ¥980.
- 高橋浩一郎編: 気候変動と食糧, 1977, 大明堂, ¥2000.
- 堀内剛二: 木星, 1979, 東海科学選書, 東海大学出版会, ¥1200.
- Barbier, E., editor; The Application of Nuclear Techniques to Geothermal Studies, 1977, Pergamon Press.
- Boer, George J., Reginald E. Newell, John W. Kidson and Dayton G. Vincent; The General Circulation of the Tropical Atmosphere and Interactions with Extratropical Latitudes, Vol. 2, 1975, MIT Press.
- Boville, B.W., editor; The Ozone Layer, A Synthesis of Papers Based on the UNEP Meeting on the Ozone Layer, Washington D.C., March 1977, 1978, Pergamon Press.
- Bradshaw, P., editor; Turbulence (Topics in Applied Physics, Vol. 12), 1976, Springer-Verlag.
- Bronshten, V.A. and M.I. Grishin; Noctilucent Clouds, 1976, John Wiley & Sons, Inc.
- Carruthers, N.B. and E.L. Houghton; Wind Forces on Buildings and Structures: An Introduction, 1976, Halsted Press.
- Chang, Julius, editor; Methods in Computational

- Physics. General Circulation Models of the Atmosphere (Vol. 17), 1977, Academic Press, ¥13000.
- Crowther, Richard L.; Sun/Earth, 1976, distributed by AMS.
- Favre, A., *et al.*; La Turbulence en Mécanique des Fluides, 1976, Guathier-Villars.
- Frost, W. and Moulden, T.H., editors; Handbook of Turbulence, Fundamentals and Applications (Vol. 1), 1977, Plenum Publishing Corp., ¥15000.
- Geophysics Study Committee, Assembly of Mathematical and Physical Sciences; The Upper Atmosphere and Magnetosphere, 1977, National Academy of Sciences.
- Gnevyshev, M.N. and Ol', A.I., editors; Effects of Solar Activity on the Earth's Atmosphere and Biosphere, 1978, John Wiley & Sons, Inc.
- Gossard, Earl E. and William H. Hooke; Waves in the Atmosphere (Developments in Atmospheric Science, 2), 1975, Elsevier Pub. Co., ¥26000.
- Gurevich, A.V.; Nonlinear Phenomena in the Ionosphere, 1978, Springer-Verlag.
- Hobbs, Peter V.; Ice Physics, 1975, Oxford University Press.
- Holton, James R.; The Dynamic Meteorology of the Stratosphere and Mesosphere, Meteorological Monograph, No. 37, 1975, AMS.
- Husseiny, A.A., editor; Iceberg Utilization, 1978, Pergamon Press.
- Hydrometeorologický ústav v Praze; Sborník referátů ze Semináře k 200. výročí observatoře u Praze-Klementinu (A Collection of Papers Presented at a Conference Commemorating the Bicentennial of the Prague-Clementinum Observatory), 1977, Hydrometeorological Institute of Prague.
- Ishimaru, Akira; Wave Propagation and Scattering in Random Media, Single Scattering and Transport Theory (Vol. 1), 1978, Academic Press.
- Kutzbach, Gisela; The Thermal History of Cyclones, A History of Meteorological Thought in the Nineteenth Century, 1979, American Meteorological Society.
- McCormac, Billy M., editor; Magnetospheric Particles and Fields, 1975, D. Reidel Publishing Co.
- McDonnell, J.A.M., editor; Cosmic Dust, 1978, John Wiley & Sons, Inc.
- McWhinnie, Mary A., editor; Polar Research: To the Present, and the Future, (AAAS Selected Symposium 7), 1978, Westview Press.
- Moffatt, H.K.; Magnetic Field Generation in Electrically Conducting Fluids, 1978, Cambridge University Press.
- Mundlak, Yair and Singer, editors; Arid Zone Development: Potentialities and Problems, 1977, Ballinger Publishing Co.
- Munk, Walter and Gordon J.F. MacDonald; The Rotation of the Earth, 1975, Cambridge University Press.
- NCAR; The General Circulation-theory, modeling and observations, 1978, National Center for Atmospheric Research.
- NOAA, NASA and U.S. Air Force; U.S. Standard Atmosphere, 1976, 1977, U.S. Government Printing Office.
- Noye, John, editor; Numerical Simulation of Fluid Motion, 1978, North-Holland Publishing Co.
- Pasquill, F.; Atmospheric Diffusion, 2nd edition, 1975, Halsted Press.
- Pedlosky, J.; Geophysical Fluid Dynamics, 1979, Springer-Verlag, ¥15000.
- Rao, Y.P.; Southwest Monsoon, 1976, India Meteorological Department.
- Reiter, Elmar R.; Atmospheric Transport Processes. Part 4: Radioactive Tracers, 1978, NTIS.
- Roberts, P.H. and Soward, A.M., editors; Rotating Fluids in Geophysics, 1978, Academic.
- Rycroft, M.J., editor; Space Research (Vol. 16), 1977, Pergamon Press.
- , editor; Space Research (Vol. 18), 1977, Pergamon Press.
- Sachs, P.; Wind Forces in Engineering, 2nd edition, 1978, Pergamon Press.
- Sutton, O.G.; Micrometeorology, 1977 (reprint of 1953 edition), R.E. Kreiger Publishing Co.
- Thomas, L. and Rishbeth, H., editors; Photochemical and Transport Processes in the Upper Atmosphere, 1977, Pergamon Press.

Townsend, A.A.; *The Structure of Turbulent Shear Flow*, 2nd edition, 1976, Cambridge University Press.

Yoshino, M.M., editor; *Local Wind Bora*, 1976, International Scholarly Book Service, Inc.

## 21. 歴史

Coutant, Victor and Val. L. Eichenlaub; *Theophrastus: De Ventis*, 1975, University of Notre Dame Press.

Frisinger, H.H.; *The History of Meteorology: to 1800*, 1977, AMS,

India Meteorological Department; *Hundred Years of Meteorology Service (1876-1976)*, 1976, India Meteorological Department.

Ratcliffe, J.A., editor; *Fifty Years of the Ionosphere*, 1975, Pergamon Press.

## 22. 気候資料と図

Brower, W.A. Jr.; *Climatic Atlas of the Outer Continental Shelf Waters and Coastal Regions of Alaska*, 1977, Superintendent of Documents.

Director of Naval Oceanography and Meteorology; *U.S. Navy Marine Climatic Atlas of the World, North Pacific Ocean (Vol. 2)*, 1978, Superintendent of Documents.

Harnickell, E., H. Walter and D. Mueller-Dombois; *Climate-Diagram Maps of the Individual Continents and the Ecological Climatic Regions of the Earth*, 1975, Springer-Verlag.

Hastenrath, Stefan and Peter Lamb; *Climatic Atlas of the Tropical Atlantic and Eastern Pacific*, 1977, University of Wisconsin Press.

Hastenrath, S. and P.J. Lamb; *Heat Budget Atlas of the Tropical Atlantic and Eastern Pacific Oceans*, 1978, Univ. of Wisconsin Press, ¥11000.

Ives, Jack D., editor; *Precipitation History of the Rocky Mountain States*, 1976, Westview Press.

Lawson, Dewey and Neild, editors; *Climatic Atlas of Nebraska*, 1977, University of Nebraska Press.

Naval Weather Service Detachment; *U.S. Navy Marine Climatic Atlas of the World, South Atlantic Ocean (Vol. 4)*, 1978, Superintendent of Documents.

Patzert, with Cowles and Ramage; *El Niño Watch Atlas of Physical, Chemical and Biological Oceanographic and Meteorological Data*, 1978, National Science Foundation.

Rao, M.S.V., W.V. Abbott III and J.S. Theon; *Satellite-Derived Global Oceanic Rainfall Atlas*, 1976, U.S. Government Printing Office.

Ruffner, James A. and Frank E. Bair; *Weather Almanac*, 2nd edition, 1978, Gale Research Co.

Ruffner, James A.; *Climates of the States: National Oceanic and Atmospheric Administration Narrative Summaries, Tables, and Maps for Each Site; with Current Table of Normals, 1941-1970, Means and Extremes to 1975, and Overview of State Climatologist Programs*, 1978, Gale Research Co.

Thaler, Jerome S.; *The Westchester Weather Book*, 1977, George Candreva Environmental Center, Inc. U.S. Environmental Data Service; *Weather Atlas of the United States*, 1975, Gale Research Co.

## 23. 解説書

荒垣秀雄編; *日本の四季*, 1976, 朝日小事典, 朝日新聞社, ¥980.

澤田龍吉; *超高層空間の謎—夜空の発光から大気の潮汐まで (ブルーボックス)*, 1979, 講談社, ¥440.

宮沢清治; *天気図と気象の本*, 1978, 国際地学協会, ¥650.

毛利茂男; *日曜日の気象学—ただでもできる観測と予報 (ブルーボックス)*, 1980, 講談社, ¥520.

ワールド・フォーラム; *未知の気象変動—恐るべき人工破壊*, 1980, ハイライフ出版部, ¥680.

Bagley, Desmond; *Wyatt's Hurricane*, 1974, Pyramid Publications.

Bickham, Jack; *Twister*, 1977, Doubleday & Co., Inc. Bryson, Reid A. and Thomas J. Murray; *Climates of Hunger*, 1977, University of Wisconsin Press.

Burton, Kates and White; *The Environment as Hazard*, 1978, Oxford University Press.

Calder, Nigel; *The Weather Machine*, 1975, Viking Press. (和訳: 原田 朗訳: ウェザーマシン (気候変動と氷河期), 1979, BBC 科学シリーズ, みすず書房, ¥2800).

Corliss, W.R., editor; *Handbook of Unusual Natural*

Phenomena, 1977, Sourcebook Project.  
 Dotto, L. and Schiff, H.; The Ozone War, 1978, Doubleday & Co.  
 Erikson, K.T.; Everything in Its Path: Destruction of Community in the Buffalo Creek Flood, 1976, Simon & Schuster.  
 Green, Fitzhugh; A Change in the Weather, 1977, W.W. Norton & Co., Inc.  
 Hays, James, D.; Our Changing Climate, 1977, Atheneum Publishers.  
 Herzog, Arthur; Heat, 1977, Simon & Schuster.  
 Holford, Ingrid; British Weather Disasters, 1977, David & Charles, Inc.  
 Hughes, Patrick; American Weather Stories, 1976,

Environmental Data Service.  
 Imbrie, J. and Imbrie, K.P.; Ice Ages: Solving the Mystery, 1979, Enslow Publishers.  
 Ludlum, David; The Country Journal New England Weather Book, 1976, Houghton Mifflin Co.  
 Reuter, H.; Die Wissenschaft vom Wetter (Knowledge of Weather), 1978, Springer-Verlag.  
 Weems, J.E.; The Tornado, 1977, Doubleday & Co., Inc.

24. 雑誌についてのニュース

大気科学 (季刊), 中国科学院大気物理研究所編, 科学出版社, 1部 ¥1200, 年 ¥4800.  
 中国気象学会より, 気象学報が近く復刊の予定.



続 気象学入門講座

- 気象学へのガイダンス (25.4)  
 [基礎コース]  
 気象解析の手引き (25.5)  
 気象力学・気象熱力学 (25.6)  
 気象放射学への手引き (26.10)  
 高層大気物理学入門 (25.5)  
 雲物理学・降水物理学 (25.8)  
 大気電気学・大気化学 (25.12)  
 気象の観測と測器 (26.11)  
 気象統計について (25.7)  
 気候学  
 生活と気象 (25.6)  
 [アドヴァンスト・コース]  
 気象予測論 (25.7)

これからの予定

- 回転流体力学を学ぶために(25.6)  
 対流論 (25.6)  
 中小規模現象の気象学 (25.11)  
 大気大循環論 (26.2)  
 エーロゾルの気象学 (27.2)  
 気候変動 (27.5)  
 熱帯気象学 (25.8)  
 高層大気力学の諸問題 (25.9)  
 高層大気物性 (26.3)  
 大気境界層 (26.12)  
 衛星気象学 (25.8)  
 レーダ気象学 (26.12)  
 惑星気象学 (25.7)  
 自動気象観測(隔測)・通報システ

(太字は既に掲載されたもの、カッコ内は掲載された巻号)

- 応用気象学  
 大気汚染 (26.10)  
 実験気象学 (25.10, 26.5)  
 天候・気候変化の気象学  
 海洋気象学 (25.9)  
 極地気象学 (26.9, 27.4)  
 気象災害論 (25.9)  
 気象教育論  
 気象データ処理法  
 (26.4, 26.11, 27.3)

[研究のすすめ方]

- 最近の気象資料 (26.8)  
 論文の書き方 (27.1)  
 気象学教科書・参考書のリスト  
 (27.5)