



11/10/42
Engineering
Physics Department
Paul Handler Papers, 1955-1995

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Box 1:

CORRESPONDENCE

Professional Correspondence, 1984-1986
1985-1987
1986-1990
1989-1990
1991
1992-1995

Journal Submissions' Correspondence and Reviews, 1970-1993
Letters to Colleagues, floppy disk, Undated

SUBJECT FILE

Aerosols Notes and Data, 1984-1985
Atlas Forecasts Articles, Data, Correspondents Lists, 1988-1995
Bardeen Birthday Celebration with Bell Laboratory, 1968
Climate Research Data: Ice Cores, Lake Levels, Crop Yields, Mauna Loa Optical Depth
(including floppy disks), 1993
Corn Yields Data, 1995
Forecasts - Special Graphs, Cereal Production, 1960-1980
Global Index, "Global Climate Pattern Index"
International Conference on the Physics of Semiconductors, 1962-1966
Japan Trip, 1960
Laboratory Photographs, 1960
List of References, 1989
Physics Faculty Skits, 1966-1968
Population Dynamics Group Studies, 1975-1980
Research Data (Graphs and Charts), and Corn Yields, 1993
Sea Surface Temperature Data, 1868-1988
Train vs. Train Draft Manuscript, Undated
USDA Sugar and Cocoa Supply and Distribution, 1978
Weather Prediction - Newspaper and Magazine Articles Concerning, 1988-1991

RESEARCH PAPERS AND PRESENTATIONS

Research Reports, Typescript, Undated

Box 2:

Research Reports, Typescripts, 1964-1990
Presentations, Typescripts, 1989-1994
"AC Measurement of the Heat Capacity of Nickel Near Its Critical Point," with Notes,
Data, Correspondence, 1967
"Comments on the Global Temperature Variation," with Correspondence and Data, 1977

- Crop and Climate and Crop Forecasting - National Science Foundation Proposal, 1977-1982
- “The Effect of Volcanic Aerosols on Global Climate,” Correspondence, 1989
- “Electro-absorption,” 1968
- Germanium Research, Draft Articles, Submission Review Correspondence, in Cooperation with Yoshihiro Hamakawa, 1967-1968
- “Global Climate Anomaly Associated with Air Mass Transfer and Stratospheric Aerosols,” mss., with Correspondence and Graphs, 1987
- “Impact of Volcanic Aerosols on Global Climate,” mss. Submission with Correspondence, 1991-1992
- “Interpretation of Ice Core,” Proposal, 1990
- “Interband Dielectric Properties of Solids in an Electric Field,” mss., 1968
- “Interband Optical Properties of Grain Boundaries: An Amorphous System,” 1968
- “The Kutzbach NCAR GCM and US Droughts,” Paper, 11th Climate Diagnostics Workshop, 1986
- “Lake Michigan Huron Lake Levels,” mss. with Data, 1990
- “Large Scale Drought and the El-Nino Southern Oscillation,” 1989
- “Line Shape of the Electroreflectance Spectra in Germanium,” mss. Submission with Review Correspondence and Research Materials, 1967
- “Major Volcanic Eruptions and Climate,” with Reviews and Replies, 1989
- “The Mystery of the High Water Levels of Lake Michigan: A Proposed Solution,” mss., Data, 1990
- “Piezorefectivity of Gallium Arsenide,” mss. with Notes and Correspondence, 1970
- “The Politics of Population,” Audiocassette Tape, Undated
- “The Possible Cause of Drought and Flood in the Central USA and Its Application to the Prediction of Water Levels,” Proposal, 1990
- “The Roles of Toms and Sage for Understanding the Effects of Volcanically Induced Decreased Radiation on Global Climate,” Proposal, 1991
- “The Role of Volcanic Aerosols in Understanding Short-Term Global Climate Change,” Proposal 1989-1990
- “Short-Term Climatic Cycles Associated with Stratospheric Aerosols,” with Correspondence, 1977
- “Short-Term Climatic Sequences Associated with Stratospheric Aerosols,” 1977
- “Simultaneity of Reponse of Atlantic Ocean Tropical Cyclones and Indian Monsoons,” mss. with Correspondence and Graphs, 1987
- “Stratospheric Aerosols and the Indian Monsoon,” Reprint with Correspondence and Notes, 1986
- “Tropical Storms and Hurricanes as Part of Global Climate,” mss. with Research Materials, 1987
- “Water Levels in the Central USA and Their Relationship to Global Climate Variability,” Proposal, 1990

PUBLICATIONS

- “The Atlas Report,” Newsletter, 1995
- “Crazy Nation,” Bottom Line Vol. 7, No. 11, 1986

Newspaper and Magazine Articles on Climate Change, 1984-1994
Population Dynamics Group Publications, 1974-1984
Scientific Articles, Reprints, 1955-1994 (3 folders)