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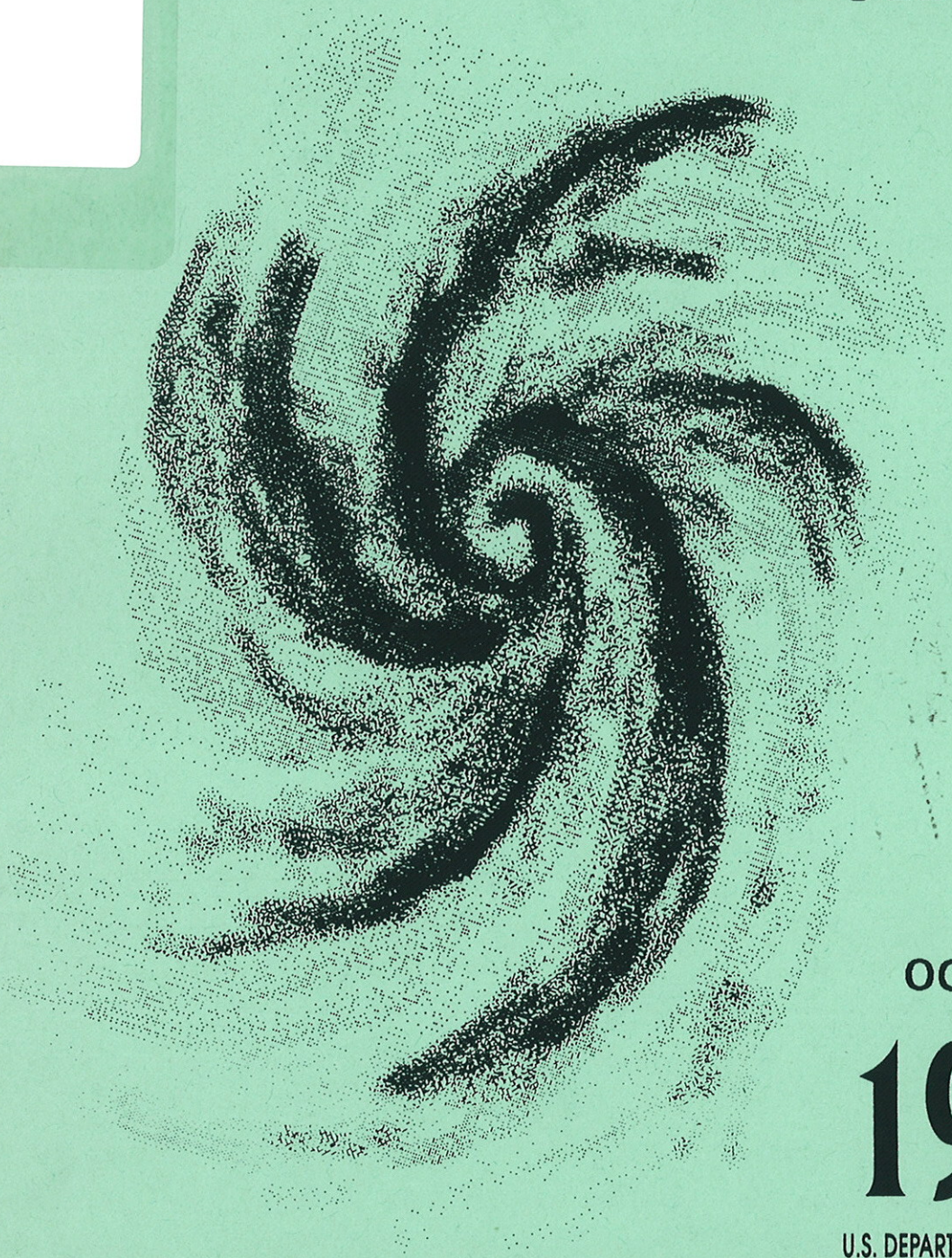
LIGHTNING



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LIGHTNING

Lightning strikes the Earth an estimated 100 times each second or more than 8.6 million times a day. Nearly 100 Americans are killed and 250 injured by lightning each year on the average while property losses due to resulting fires and other structural damage run into the millions of dollars.

Lightning is the subject of considerable scientific interest within the National Oceanic and Atmospheric Administration and is given special attention by the agency's severe storm forecasters. Eventually, continuous satellite monitoring of lightning will provide better understanding of the exact nature of lightning and improved early warning of severe lightning storms.

This brief bibliography is intended to provide a selected guide to recent literature on lightning together with a small number of older items contained in the extensive collections of the NOAA Central Library.

Current references were selected from Meteorological and Geoastrophysical Abstracts, published by the American Meteorological Society, Boston, MA; the Applied Science & Technology Index by the H. W. Wilson Company; and the National Technical Information Service (NTIS) database, U.S. Dept. of Commerce, Springfield, VA. The citations are arranged in alphabetical order by author within their categories.

Questions about this material may be addressed to: Reference Desk, NOAA Central Library, 6009 Executive Blvd., Rockville, MD 20852, or call (301) 443-8330.

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