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Titolo	The Atmosphere and Ionosphere : Elementary Processes, Monitoring, and Ball Lightning // edited by Vladimir L. Bychkov, Gennady V. Golubkov, Anatoly I. Nikitin
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Soggetti	Atmospheric science Environmental sciences Astronomy Astronomy—Observations Space sciences Atmospheric Sciences Environmental Physics Astronomy, Observations and Techniques Space Sciences (including Extraterrestrial Physics, Space Exploration and Astronautics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each references and index.
Nota di contenuto	Introduction -- Optical Quantum Properties of GPS Signal Propagation Medium --D layer -- Pre break down Air Ionization in the Atmosphere -- Current Trends in Development of the Radioactive and Highly Toxic Substances Remote Detection Methods -- Ball Lightning: A New Step in Understanding -- Atmospheric Gelatinous Meteors.
Sommario/riassunto	This book presents a collection of reviews prepared for the conference "Atmosphere, Ionosphere, Safety," held in Kaliningrad, Russia, in July 2012. It provides the reader insight into the current developments in the following fields: physics of elementary processes; ionosphere dynamics; ball lightning and aerosol structures; as well as remote detection of the radioactive and highly toxic substances. The diversity

of scope presented offers readers an up-to-date overview of trends, questions and their solutions.
