

1. Record Nr.	UNINA9910783742403321
Autore	Barry Roger G (Roger Graham), <1935->
Titolo	Atmosphere, weather, and climate // Roger G. Barry and Richard J. Chorley
Pubbl/distr/stampa	London ; ; New York : , : Routledge, , 2003
ISBN	1-134-48653-7 0-203-44554-6 0-203-42823-4 1-280-02450-X 1-134-48654-5 9786610024506
Edizione	[8th ed.]
Descrizione fisica	1 online resource (462 p.)
Classificazione	38.80
Altri autori (Persone)	ChorleyRichard J
Disciplina	551.5
Soggetti	Meteorology Atmospheric physics Climatology
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 (p. 409-411) and index.
Nota di contenuto	Book Cover; Title; Contents; Preface to the eighth edition; Acknowledgements; Introduction and history of meteorology and climatology; Atmospheric composition, mass and structure; Solar radiation and the global energy budget; Atmospheric moisture budget; Atmospheric instability, cloud formation and precipitation processes; Atmospheric motion: principles; Planetary-scale motions in the atmosphere and ocean; Numerical models of the general circulation, climate and weather prediction; Mid-latitude synoptic and mesoscale systems; Weather and climate in middle and high latitudes Tropical weather and climate Boundary layer climates; Climate change; Climate classification; Systeme International (SI) units; Synoptic weather maps; Data sources; Notes; Bibliography; Index
Sommario/riassunto	A comprehensive introduction to weather processes and climatic conditions around the world, observed changes and projected future trends: an updated edition, invaluable to all students of the earth's atmosphere and world climate.

