Record Nr. Autore Titolo	Fleming Jar Inventing at	798180203321 nes Rodger mospheric science : Bjerknes, Rossby, Wexler, and the of modern meteorology / / James Rodger Fleming
Pubbl/distr/stam		MA : , : MIT Press, , [2016]
ISBN	0-262-3345 0-262-3345	
Descrizione fisic	a 1 online res	ource (307 p.)
Disciplina	551.5092/2	
Soggetti	-	c science - History e - Research
Lingua di pubblic	cazione Inglese	
Formato	Materiale a	
Livello bibliograf	ico Monografia	
Note generali	Description	based upon print version of record.
Nota di bibliogra	fia IIncludes bil	oliographical references (pages 255-281) and index.
Nota di contenut	o Bjerknes	Rossby Wexler Atmospheric sciences.
Sommario/riass	decades of dynamics to atmospheric documents Vilhelm Bjer aspirations needs, and nuclear trac provided ne huge and da fundamenta weather fore meteorology upper-air dy issues; and Weather Bu foundations	cture history of atmospheric research examines the first six the twentieth century, from the dawn of applied fluid o the emergence, by 1960, of the interdisciplinary c sciences. Using newly available archival sources, it the work of three interconnected generations of scientists: thes, Carl-Gustaf Rossby, and Harry Wexler, whose were fueled by new theoretical insights, pressing societal expanded technological capabilities. Radio, radar, aviation, ers, digital computing, sounding rockets, and satellites w ways to measure and study the global atmosphere a auntingly complex system. Bjerknes brought us a I circulation theorem and founded the Bergen school of ecasting; Rossby established the graduate schools of ( at M.I.T., Chicago, and Stockholm, which focused on mamics and, after 1947, on atmospheric environmental Wexler brought all the new technologies into the U.S. reau and, with his colleague Jule Charney, prepared the for the emergence of the interdisciplinary atmospheric his history weaves together cold war studies, military

1.

history, the rise of government research and development, and aviation and aeronautics with a nascent global awareness. It is a fascinating	
history of something we all experiencethe weathertold through	
compelling historical characters"Provided by publisher.	_