

1. Record Nr.	UNINA9910300382603321
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Titolo	Meteorological Satellite Systems [[electronic resource] /] / by Su-Yin Tan
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2014
ISBN	1-4614-9420-6
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (145 p.)
Collana	SpringerBriefs in Space Development, , 2191-8171
Disciplina	145
Soggetti	Aerospace engineering Astronautics Meteorology Remote sensing Aerospace Technology and Astronautics Remote Sensing/Photogrammetry
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.
Nota di contenuto	Introduction to Meteorological Satellites -- History and Background -- Examining the Tools of Space Meteorology -- U.S. Meteorological Satellites -- European Meteorological Satellites and EUMETSAT -- Russian, Chinese, Japanese, and Indian Meteorological Satellites -- International Collaboration in Meteorological Satellites Systems -- Evolving and Future Capabilities -- Meteorological and Remote Sensing Satellites Roles in Monitoring Climate Change -- Top Ten Things to Know about Meteorological Satellites.
Sommario/riassunto	<p>"Meteorological Satellite Systems" is a primer on weather satellites and their Earth applications. This book reviews historic developments and recent technological advancements in GEO and polar orbiting meteorological satellites. It explores the evolution of these remote sensing technologies and their capabilities to monitor short- and long-term changes in weather patterns in response to climate change. Satellites developed by various countries, such as U.S. meteorological satellites, EUMETSAT, and Russian, Chinese, Japanese and Indian satellite platforms are reviewed. This book also discusses international efforts to coordinate meteorological remote sensing data collection and</p>

sharing. This title provides a ready and quick reference for information about meteorological satellites. It serves as a useful tool for a broad audience that includes students, academics, private consultants, engineers, scientists, and teachers.

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