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Autore	Tan Su-Yin
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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	“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 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.
