

1. Record Nr.	UNINA9910454008103321
Titolo	Observing weather and climate from the ground up [[electronic resource]] : a nationwide network of networks // Committee on Developing Mesoscale Meteorological Observational Capabilities to Meet Multiple National Needs, Board on Atmospheric Sciences and Climate, Division on Earth and Life Studies, National Research Council of the National Academies
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, c2009
ISBN	1-282-00799-8 9786612007996 0-309-12987-7
Descrizione fisica	1 online resource (251 p.)
Disciplina	551.50973
Soggetti	Meteorological stations - United States - Planning Geophysical observatories Electronic books.
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. 176-183) and index.
Nota di contenuto	""Preface""; ""Acknowledgments""; ""Contents""; ""Summary""; ""1 Introduction""; ""2 Observations Supporting the Fundamental Infrastructure for Mesoscale Monitoring and Prediction""; ""3 National Needs for Mesoscale Observations in Five Economic Sectors""; ""4 Observing Systems and Technologies: Successes and Challenges""; ""5 Architecture for a Network of Networks""; ""6 How to Get from Here to There: Steps to Ensure Progress""; ""7 Organizational Attributes and Options for a Fully Integrated NoN that Meets Multiple National Needs""; ""8 Concluding Thoughts""; ""References""; ""Appendixes"" ""Appendix A: A Rationale for Choosing the Spatial Density and Temporal Frequency of Observations for Various Atmospheric Phenomena"" ""Appendix B: Tables of Surface-Based Observing Systems""; ""Appendix C: Acronyms and Initialisms""; ""Appendix D: Statement of Task""; ""Appendix E: Biographical Sketches of Committee Members and Staff""

