

1. Record Nr.	UNINA9910820351803321
Autore	Soon Willie
Titolo	The Maunder Minimum and the variable sun-earth connection / / Willie Wei-Hock Soon, Steven H. Yaskell
Pubbl/distr/stampa	River Edge, N.J., : World Scientific, c2003
ISBN	981-4486-65-5 1-281-94788-1 9786611947880 981-279-686-X
Edizione	[1st ed.]
Descrizione fisica	1 online resource (298 p.)
Altri autori (Persone)	YaskellSteven H
Disciplina	523.74
Soggetti	Sunspots Climatic changes Astronomers - Great Britain Sun
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. 251-265) and index.
Nota di contenuto	Contents ; Foreword ; Acknowledgements ; 1 A Sun Most Pure and Most Lucid ; Solar Blemishes and Imputed Effects on Climate: Scientific Solar Study Begins ; 2 Background of the Maunder Minimum ; 3 The Maunder Minimum: Europe Asia North America (As Dated from c. A.D. 1620-A.D. 1650) Western Europe and the Mediterranean Basin China and the Far East Asian Region ; North American Region ; 4 The Maunder Minimum: Europe Asia North America (As Dated from c. A.D. 1650-A.D. 1720) ; North Atlantic/Western Europe and Mediterranean Basin/North African Region China and the Far East Asian Region North American and North Atlantic Region ; 5 Surveying the Maunder Minimum ; 6 Maunder's Immediate Predecessors in Delineating Solar Structure and Behavior: Towards Understanding Solar Variability and Sun-Climate Connections

7	Maunder's Early Life and Associations	8
	Maunder and the Connection of Sunspot Behavior and Geomagnetism: Resolving "'the Fifty Years' Outstanding Difficulty'"	
	; 9 Studying Aurora... the Scandinavian and American Connection: Tree Rings Moisture and the Missing Sunspot Cycles	
10	The Family Maunder: The B.A.A. and Astronomy for All	
11	A Particle Theory for the Sun-Earth Connection	
	; Modern Geomagnetic Storm Theory and Delineating the Magnetosphere	
		; 12 Our Knowledge of the Sun and Its Variability Today
	Solar Magnetic Field and Variable Solar Outputs Concerning Historical Solar Minima	

Sommario/riassunto

This book takes an excursion through solar science, science history, and geoclimate with a husband and wife team who revealed some of our sun's most stubborn secrets. E Walter and Annie S D Maunder's work helped in understanding our sun's chemical, electromagnetic and plasma properties. They knew the sun's sunspot migration patterns and its variable, climate-affecting, inactive and active states in short and long time frames. An inactive solar period starting in the mid-seventeenth century lasted approximately seventy years, one that E Walter Maunder worked hard to make us understand: the Ma
