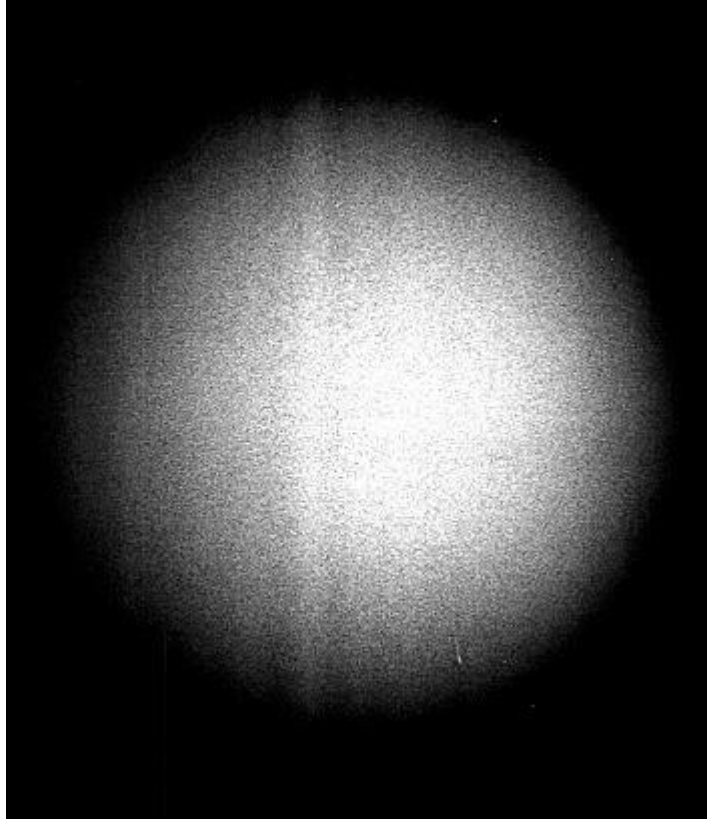


# The Maunder Minimum and the Variable Sun-Earth Connection



(Front illustration: the Sun without spots, July 27, 1954)

By Willie Wei-Hock Soon  
and Steven H. Yaskell

**To Soon Gim-Chuan, Chua Chiew-See, Pham Than (Lien+Van's mother)  
and Ulla and Anna**

**In Memory of Miriam Fuchs (baba Gil's mother)---W.H.S.**

**In Memory of Andrew Hoff---S.H.Y.**

*To interrupt His Yellow Plan  
The Sun does not allow  
Caprices of the Atmosphere –  
And even when the Snow*

*Heaves Balls of Specks, like Vicious Boy  
Directly in His Eye –  
Does not so much as turn His Head  
Busy with Majesty –*

*'Tis His to stimulate the Earth  
And magnetize the Sea -  
And bind Astronomy, in place,  
Yet Any passing by*

*Would deem Ourselves – the busier  
As the Minutest Bee  
That rides – emits a Thunder –  
A Bomb – to justify*

*Emily Dickinson (poem 224. c. 1862)*

*Since people are by nature poorly equipped to register any but short-term changes, it is not surprising that we fail to notice slower changes in either climate or the sun.*

*John A. Eddy, The New Solar Physics (1977-78)*