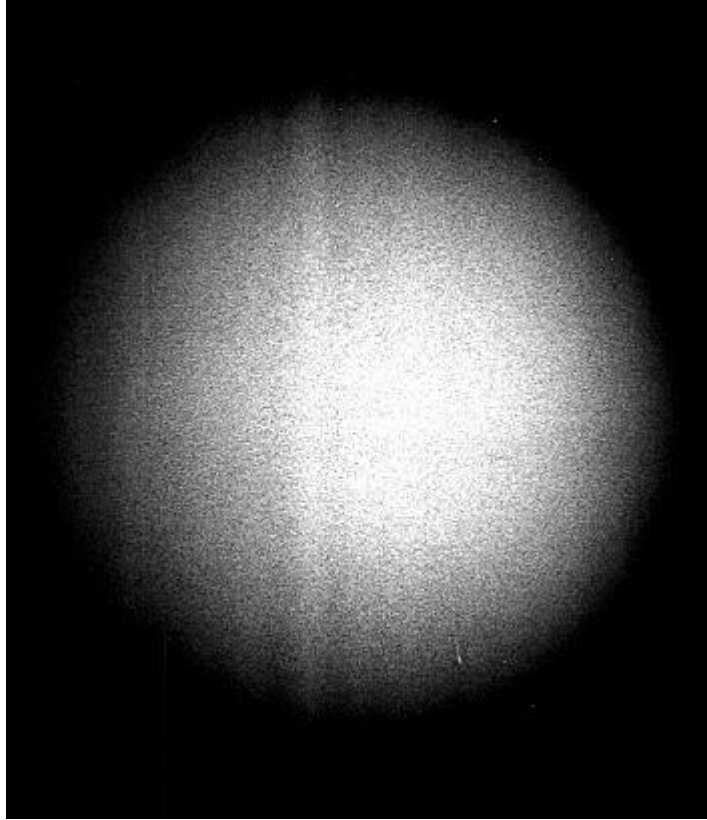


The Maunder Minimum and the Variable Sun-Earth Connection



(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)