

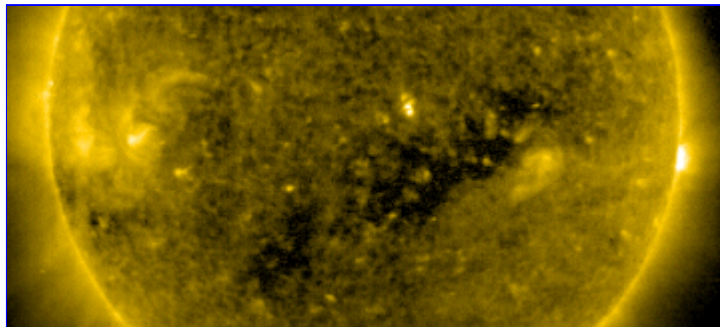
His Forever

From: "Miriam" <mhoward@bak.rr.com>
To: <Undisclosed-Recipient:;>
Sent: Friday, April 20, 2007 9:29 AM
Subject: spaceweather.com 20 April

WEEKEND METEORS: Earth is entering the dusty tail of Comet Thatcher, and this will cause a mild meteor shower this weekend. These meteors are called Lyrids because they emerge from the constellation Lyra. The best time to look is during the dark hours before dawn on Sunday, April 22nd, and Monday, April 23rd, when you can expect to see a shooting star every 5 minutes or so: [more](#).

AURORA WATCH: A solar wind stream is heading for Earth and it could cause a geomagnetic storm when it arrives on April 21st or 22nd. Sky watchers from Scandinavia to Alaska should [be alert](#) for [auroras](#).

The stream is flowing from this coronal hole:



Coronal holes are places in the sun's atmosphere where the sun's magnetic field opens up and allows solar wind to escape. These holes appear black in ultraviolet and X-ray images of the sun. The image above was taken this morning by an extreme ultraviolet telescope onboard the SOHO spacecraft.

BIG SISTERS: The Pleiades are often mistaken for the Little Dipper, but **there's nothing little about them.** In fact, the [Seven Sisters](#) are bigger than a full Moon, as shown in this picture taken last night by [Mohammad Taher Pilevar](#) of Hamedan, Iran:



Photo details: [Canon 350D](#), [Sigma lens](#), 200 ASA

Pilevar caught the Moon just as it was about to glide in front of the Pleiades, not quite hiding the entire cluster. While the Moon was technically a crescent, it was fully illuminated by Earthshine--a [marvelous glow](#) you can see for yourself tonight when the crescent Moon glides by [Elnath](#), a dying star in Taurus: [sky map](#).

more images: [from Pete Lawrence](#) of Selsey, West Sussex, UK; [from Babak A. Tafreshi](#) near Tehran, Iran; [from Dan Bush](#) of Albany, Missouri; [from Szymon Kozlowski](#) at the Jodrell Bank Observatory in Cheshire, UK; [from Guillaume Bertrand](#) of Saint Laurent sur Sèvre, France; [from Maximilian Teodorescu](#) of Magurele, Romania; [from Ronan Newman](#) at the Turlough Round Tower, an 800-year-old Celtic monastery