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Current Conditions

Solar wind

 speed: **520.3** km/sec

 density: **0.4** protons/cm³
[explanation](#) | [more data](#)

Updated: Today at 2345 UT

X-ray Solar Flares

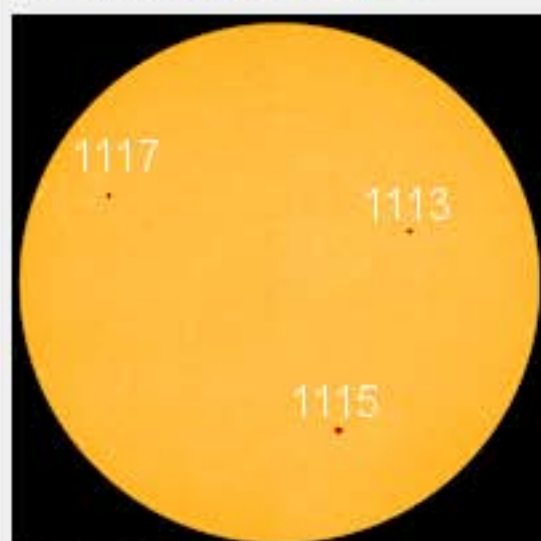
 6-hr max: **B1** 2250 UT Oct22

 24-hr: **B2** 0230 UT Oct22

[explanation](#) | [more data](#)

Updated: Today at: 2340 UT

Daily Sun: 22 Oct 10



All of the sunspots on the Earth-facing side of the sun are relatively stable and

What's up in space

Friday, Oct. 22, 2010

 ON SALE NOW: [The David H. Levy Comet Hunter](#) -- offering the clearest views of Comet Hartley 2.


ASTEROID FLYBY: Asteroid [2010 TG19](#) is flying past the Earth-Moon system today, Oct. 22nd, only 24,000 miles beyond the orbit of the Moon. The 70-meter space rock is about twice the size of the asteroid or comet that [flattened a forest](#) in Siberia in 1908. In this case, however, there is no danger of a collision.

[Astronomers at the Sormano Astronomical Observatory](#) in Italy photographed the asteroid's approach on Oct. 21st using a 20-inch telescope: [image](#).

ORIONID METEOR UPDATE: Earth is exiting a stream of debris from Halley's Comet, the source of the annual Orionid meteor shower. According to [preliminary counts](#) from the International Meteor Organization, the shower peaked on Oct. 21st with 35 meteors per hour. Antonio Finazzi caught this one flying over Chiuduno, Italy:



archives

