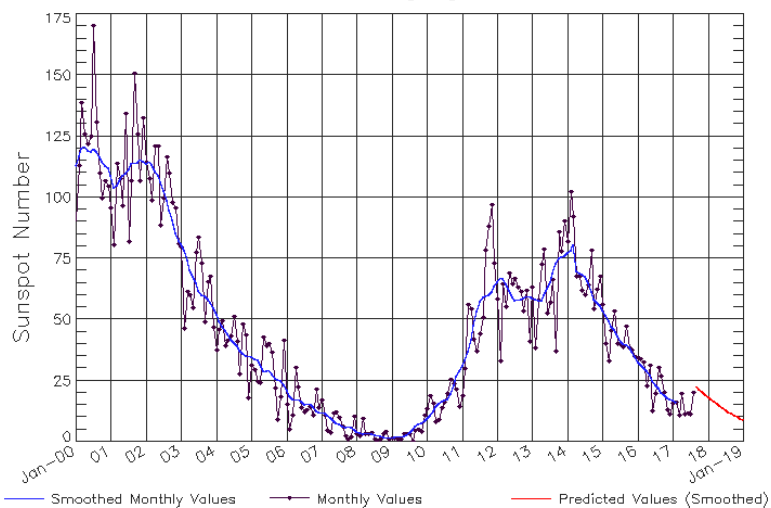


Solar Storms As We Approach Solar Minimum

ISES Solar Cycle Sunspot Number Progression
Observed data through Aug 2017



Updated 2017 Sep 4

NOAA/SWPC Boulder, CO USA

- On Sept 7-8, 2017, approaching solar min, a CME hit Earth.
- Solar wind speed and density did not change much, but IMF B_z fluctuated between negative, ~ 0 , and then negative again.
- The apogee of Van Allen Probes was on the dayside.
- Van Allen Probes instruments (RBSPICE shown here) measured numerous injections, some of them with very weak dispersion.

