



## Observations of dust spikes on the Wind satellite

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Stimulated by the work on impulsive waveforms (spikes) on the STEREO satellites, we have investigated similar waveforms observed by the Wind/Waves Time Domain Sampler (TDS) on Wind. As Wind is spinning, and has antennas of different lengths with a significant separation, additional understanding of the impact and emission process can be expected. The surface, glass coated with Indium Tin Oxide, is different from that of the STEREOs, germanium coated mylar, which should also affect the processes. Only a small percentage of the spikes are due to interference of an expected kind. The rest are consistent with impacts of dust. Viewed in detail, the spikes attributed to dust impacts have a wide variety of waveforms, and a wide variety of parameters even for waveforms selected as similar. Observations and summaries will be presented. Progress toward a calibration of the observations, in terms of dust mass and energy, will be summarized.