

# **Statistical analysis of geomagnetically quiet days and solar wind**

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A statistical analysis was done on the solar wind parameters associated with quiet days of geomagnetic activity between 1995 and 2004. We define the day with sum of eight Kp indices less than or equal to 30 as a quiet day. The geomagnetically quiet days tend to occur in slow-speed, low-density, low-temperature solar wind before arrival of corotating interaction region (CIR) according to the result of superposed epoch analysis. This suggests that prediction of quiet days is possible from information of CIR passage.