

**On co-rotating structures in the solar wind at solar maximum**

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Co-rotating structures in the solar wind enable us to forecast variations of solar wind parameters. Co-rotating high-speed streams from coronal holes vanish during the solar maximum, which leads to the difficulty in identifying co-rotating structures. Our observation indicates that co-rotating high-speed streams were almost never found in mid 2002, but polarity of interplanetary magnetic field still showed some co-rotating features in the same period. The results suggest that it may be possible to forecast some solar wind parameters based on their co-rotating nature even at solar maximum.