

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 006A ISSUED 0400Z 06 JANUARY 1971

OCCASIONAL CLASS C FLARES ARE ANTICIPATED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY DURING THE PAST 11 HOURS HAS REMAINED AT AN UNUSUALLY LOW LEVEL; NO FLARES OR LIMB EVENTS HAVE BEEN REPORTED. THE MOST IMPRESSIVE REGION PRESENTLY CONSISTS OF AN E-TYPE SPOT GROUP AT S06E57 WITH AN AREA ON THE ORDER OF 1000 MILLIONTHS OF THE DISK; THIS APPARENTLY SIMPLE REGION HAS SHOWN NO DYNAMIC CHARACTERISTICS AND APPEARS TO BE IN A DORMANT STATE. OTHER REGIONS ARE UNIMPRESSIVE. THE GEOMAGNETIC FIELD HAS SHOWN OCCASIONAL PERIODS OF SLIGHT DISTURBANCE DURING THE PAST 11 HOURS.

B. A LOW LEVEL OF ACTIVITY IS ANTICIPATED DURING THE THREE-DAY FORECAST PERIOD; OCCASIONAL CLASS C FLARES, MOST OF THEM FROM THE S06E57 CENTER, ARE LIKELY. A TENDENCY TOWARD INSTABILITY AT THE S06E57 SITE COULD OCCUR UNEXPECTEDLY, HOWEVER, IN WHICH CASE ENERGETIC FLARES WOULD BECOME MUCH MORE PROBABLE THAN INDICATED BELOW. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN RELATIVELY QUIET DURING THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 JAN/0400Z ENDING 09 JAN/0400Z

CLASS M OR GREATER 30/30/35

CLASS X 01/01/02

PROTON EVENTS 01/01/02

D. OTTAWA 10.7 CM FLUXES FOR 05/1700Z AND 05/2000Z WERE 151 AND 148 RESPECTIVELY.

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HAUS BOU 061700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 006B ISSUED 1700Z 06 JAN 1971

SPORADIC NON-ENERGETIC SUBFLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. VERY FEW FLARES HAVE BEEN REPORTED SINCE TODAY'S EARLIER MESSAGE. THE 850 MILLIONTHS, E-TYPE SPOT GROUP NEAR S06E50 CONTINUES TO DOMINATE THE DISK IN SIZE, BUT IT HAS FAILED TO INCREASE SIGNIFICANTLY THE OVERALL ACTIVITY LEVEL. BOTH LIMBS AS WELL AS THE GEOMAGNETIC FIELD ARE QUIET.

B. NO CHANGE

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 JAN/1700Z ENDING 09 JAN/1700Z.

CLASS M OR GREATER 30/35/45

CLASS X 01/01/02

PROTON EVENTS 01/01/02

D. OTTAWA 10.7 CM FLUX FOR 06/1400Z WAS 154. PREDICTED 10.7 CM FLUX FOR 07-09 JAN IS 158/161/164.

E. MAGNETIC A-FREDERICKSBURG FOR 05 JAN WAS 10. FOR 06 JAN ABOUT 05 PREDICTED AP FOR 07-09 JAN, 10/10/08.

SOLTERWARN

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