

HAUS BOU 150400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 780A ISSUED 0400Z 15 OCT 1970

CLASS-C FLARES AND BORDERLINE CLASS-M FLARES ARE LIKELY DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS INCREASED SLIGHTLY DURING THE PAST 11 HOURS; SLOW DEVELOPMENT IS IN PROGRESS IN THE THREE REGIONS AT N05E17, N06E24, AND N10E30. BORDERLINE CLASS-M EVENTS OCCURRED AT N05E17 AT 14/1335Z AND AT N10E30 AT 1447Z AND 1557Z. OTHER DISK REGIONS HAVE SHOWN NO SIGNIFICANT DEVELOPMENT. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET DURING THE PAST 24 HOURS.

B. ONLY MINOR SOLAR ACTIVITY CONSISTING OF OCCASIONAL CLASS-C FLARES AND INFREQUENT SMALL CLASS-M FLARES IS ANTICIPATED DURING THE FORECAST PERIOD. PERIODS OF SLIGHT GEOMAGNETIC DISTURBANCE ARE EXPECTED DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 15 OCT/0400Z ENDING 18 OCT/0400Z.

CLASS M OR GREATER 35/40/35

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 15/1700Z AND 15/2000Z WERE 137 AND 136 RESPECTIVELY.

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HAUS BOU 151705

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 780B ISSUED 1700Z 15 OCT 1970

SMALL CLASS M EVENTS ARE EXPECTED DURING THE NEXT ELEVEN HOURS.

A. THE REGIONS LOCATED NEAR N06E07 AND N11E22 CONTINUE TO PRODUCE SUBFLARES ACCOMPANIED BY MINOR X-RAY BURSTS. THE LARGEST EVENT SINCE THE THREE CLASS M1 EVENTS REPORTED IN SDF 780A WAS A CLASS C9 SUBNORMAL FLARE AT 15/0300Z. MINOR SID WERE REPORTED WITH THIS EVENT. NO SIGNIFICANT CHANGES HAVE BEEN REPORTED IN ANY OF THE REGIONS. THE ABOVE TWO REGIONS CURRENTLY CONTAIN TYPE D SUNSPOT GROUPS. MINOR ACTIVITY IS OCCURRING ON THE EAST LIMB NEAR N03 AND N20. THE GEOMAGNETIC FIELD IS QUIET.

B. INFREQUENT SMALL CLASS M FLARES ARE EXPECTED DURING THE NEXT 72 HOURS FROM THE N06E07 AND N11E22 REGIONS. GENERALLY QUIET GEOMAGNETIC CONDITIONS WITH SHORT PERIODS OF SLIGHT DISTURBANCE SHOULD PREVAIL.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 15 OCT/1700Z ENDING 18 OCT/1700Z.

CLASS M OR GREATER 35/35/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 15/1400Z WAS 139. PREDICTED 10.7 CM FLUX FOR 16-18 OCT IS 143/146/148.

E. MAGNETIC A-FREDERICKSBURG FOR 14 OCT WAS 09. FOR 15 OCT ABOUT 07. PREDICTED AP FOR 16-18 OCT, 10/08/08.

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