

NNNN

KMSC

HAUS BOU 180400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 510A ISSUED 0400Z 18 JANUARY 1970

ONLY CLASS C FLARES ARE EXPECTED IN THE NEXT 13 HOURS.

A. ONLY CLASS C ACTIVITY HAS BEEN OBSERVED DURING THE PAST 11 HOURS. ALL REGIONS APPEAR STABLE. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL, CLASS C FLARES WITH AN OCCASIONAL CLASS M FLARE. THE NEW REGION ON THE SOUTHEAST LIMB MAY INCREASE SOLAR ACTIVITY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18 JAN/0400Z ENDING 21 JAN/0400Z

CLASS M OR GREATER 40/40/40

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX 17/1700Z AND 2000Z WERE 187 AND 188 RESPECTIVELY.

SOLTERWARN

SPAN

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KMSC

HAUS BOU 181700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 510B ISSUED 1700Z 18 JAN 1970

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 11 HOURS.

A. ONLY CLASS C SUBFLARES HAVE BEEN REPORTED THE PAST 13 HOURS.

BOTH THE PLAGE AND SPOTS CENTERED NEAR N16E20 ARE GROWING SLOWLY AND ASSOCIATED FILAMENTS HAVE OCCASIONALLY BEEN QUITE ACTIVE, BUT THE REGION HAS PRODUCED VERY LITTLE FLARE ACTIVITY. OTHER DISK FEATURES ARE ESSENTIALLY UNCHANGED AND UNIMPRESSIVE. MINOR ACTIVITY IS REPORTED ON THE EAST LIMB NEAR S25. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. ONLY CLASS C AND OCCASIONAL SMALL CLASS M ACTIVITY IS EXPECTED FOR THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 18 JAN/1700Z ENDING 21/1700Z.

CLASS M OR GREATER 30/40/40

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX TODAY IS 184. PREDICTED 178/173/168.

E. MAGNETIC A-FREDERICKSBURG FOR 17 JAN WAS 08. FOR 18 JAN ABOUT 08 PREDICTED AP FOR 19-21 JAN, 08/10/10.

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