

KMSC

HAUS BOU 190400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 784A ISSUED 0400Z 19 OCTOBER 1970

CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. THE REGIONS ON THE DISK
ARE ALL SIMPLE MAGNETICALLY AND NO NEW GROWTH OR DEVELOPMENT HAS
BEEN OBSERVED. A J TYPE SPOT HAS ROTATED ON THE DISK AT N10. THE
GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVEL. THE MAGNETIC FIELD
WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 4 HOUR
PERIODS BEGINNING 19 OCT/0400Z ENDING 22 OCT/0400Z

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 18/1700Z AND 18/2000Z WERE BOTH 140.

SOLTERWARN

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KMSC

HAUS BOU 191725

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 784B ISSUED 1700Z 19 OCTOBER 1970

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS

A. NO SIGNIFICANT SOLAR ACTIVITY TO REPORT. THE N11W19 REGION HAS COME UP IN PLAGE BRIGHTNESS AND ARCH FILAMENTS DEVELOPED IN THE CENTRAL PORTION OF THE REGION. A NEW REGION HAS ROTATED ON THE DISK AT N13E79; THE NEUTRAL LINE SEPARATES TWO LEADING SPOTS AND ONE TRAILER SPOT WITH MODERATE PLAGE. THE GEOMAGNETIC FIELD WAS UNSETLED AGAIN BETWEEN 0000Z AND 1200Z.

B. OCCASIONAL CLASS C FLARES EXPECTED FROM THE N06W47 AND N11W19 REGIONS. THE GEOMAGNETIC FIELD IS EXPECTED TO HAVE OCCASIONAL PERIODS OF UNSETLED CONDITIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 19 OCT/1700Z ENDING 22 OCT/1700Z.

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 19/1400Z WAS 135.

PREDICTED 10.7CM FLUX FOR 20-22 OCT IS 135/135/135.

E. MAGNETIC A-FREDERICKSBURG FOR 18 OCT WAS 21. FOR 19 OCT ABOUT 14. PREDICTED AP FOR 20-22 OCT IS 08/08/12.

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