

NNNNKMXM

KBOU

HAUS BOU 220400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 081A ISSUED 0400Z 22 MARCH 1971

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL DURING THE PAST 11 HOURS. A NEW REGION DEVELOPED AT N32E28. IT IS A B TYPE SPOT GROUP. THE REGION S15E04 HAS SHOWN SOME PLAGE GROWTH AND IS THE MOST INTERESTING DISK FEATURE. A FEW SMALL SURGES HAVE BEEN OBSERVED ON THE NE LIMB. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 22 MARCH/0400Z ENDING 25 MARCH/0400Z

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 21/1700Z AND 21/2000Z WERE 113 AND 112 RESPECTIVELY.

SOLTERWARN

SPAN

BT

NNNN

KBOU

HAUS BOU 221700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 081B ISSUED 1700Z 22 MARCH 1971

CLASS C FLARES EXPECTED IN THE NEXT 11 HOURS.

A. NO SOLAR FLARES HAVE BEEN REPORTED THE LAST 24 HOURS.

A SMALL REGION WITH C TYPE SPOTS AND EMBEDDED ARCH FILAMENTS HAS FORMED AT N19W02. THE N32E19 REGION HAS GROWN TO A C TYPE GROUP. ONLY MINOR GROWTH HAS BEEN NOTED IN THE S15W06 REGION WHOSE NEUTRAL LINE FORMS A HORSESHOE NEARLY ENCOMPASSING THE TRAILER SPOTS. BRIGHT SURGE ACTIVITY HAS BEEN NOTED NEAR S11E LIMB, IN ADDITION, PLAGE IS ROTATING ON THE DISK AT S17E90.

B. NO CHANGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 22 MAR/1700Z ENDING 25 MAR/1700Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 22/1400Z WAS 112. PREDICTED 10.7CM FLUX FOR 23-25 MAR IS 113/113/113.

E. MAGNETIC A-FREDERICKSBURG FOR 21 MAR WAS 02. FOR 22 MAR ABOUT 02. PREDICTED AP FOR 23-25 MAR IS 03/12/12.

SOLTERWARN

SPAN

BT