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KBOU

HAUS BOU 230400

FROM SPACE DISTURBAFCE FORECAST CENTER BOULDER COLO

SDF NUMBER 082A ISSUED 0400Z 23 MARCH 1971

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

A. SOLAR ACTIVITY DURING THE PAST 24 HOURS HAS BEEN EXTREMELY LOW. MINOR BSL ACTIVITY ON THE EAST LIMB HAS BEEN THE ONLY ACTIVITY OBSERVED. A SMALL H TYPE SPOT AND PLAGE HAVE ROTATED ON THE DISK AT SE15. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET FOR NEXT 24 HOURS, AFTER WHICH PERIODS OF MINOR DISTURBANCE CAN BE EXPECTED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 23 MAR/0400Z ENDING 26 MAR/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 22/1700Z AND 22/2000Z WERE 113 AND 110 RESPECTIVELY.

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KBOU

HAUS BOU 231700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 82B ISSUED 1700Z 23 MAR 1971

CLASS C FLARES EXPECTED NEXT 11 HOURS.

A. NO SIGNIFICANT ACTIVITY HAS OCCURRED IN THE PAST 13 HOURS.

THE S12E70 REGION IS APPARENTLY A YOUNG NOMINALLY BIPOLAR
STRUCTURE WITH BRIGHT EMERGING PLAGE THAT HAS TYPICAL MINOR
MAGNETIC COMPLEXITIES. THE SPOTS ARE D-TYPE. CHROMOSPHERIC
BRIGHTENINGS HAVE BEEN INCREASINGLY FREQUENT. SLOW SIMPLIFICATION
HAS CONTINUED AT S16W19. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. FREQUENT MINOR FLARES ARE EXPECTED AT S12E70 WITH INTENSITIES
INCREASING BUT PROBABLY REMAINING CLASS C. A RECURRING GEOMAGNETIC
DISTURBANCE IS EXPECTED TO BEGIN LATE TODAY OR TOMORROW.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 23 MAR/1700Z ENDING 26 MAR/1700Z.

CLASS M OR GREATER 25/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 23/1400Z WAS 110. PREDICTED 10.7 CM
FLUX FOR 24-26 MAR IS 111/112/112.

E. MAGNETIC A-FREDERICKSBURG FOR 22 MAR WAS 02. FOR 23 MAR ABOUT 04
PREDICTED AP FOR 24-26, 12/12/15.

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