

KMSC

HAUS BOU 230400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 054A ISSUED 0400Z 23 FEBRUARY 1971

CLASS C FLARES ARE EXPECTED AND CLASS M FLARES ARE PROBABLE DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY DURING THE PAST 11 HOURS HAS BEEN HIGHER THAN DURING THE PAST THREE DAYS. MOST ACTIVITY HAS BEEN FROM REGIONS N07E81 AND S17E09. THE REGION IN THE NORTHEAST HAS SHOWN SOME GROWTH. THE REGION S17E09 HAS HAD SPOT GROWTH IN CENTRAL PORTION. THE REST OF THE REGIONS HAVE BEEN QUIET. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVEL WITH CLASS C FLARES AND AN OCCASIONAL CLASS M FLARE. THE REGION N07E81 IS THE MOST LIKELY FOR CLASS M ACTIVITY. THE GEOMAGNETIC FIELD WILL HAVE PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 23 FEB/0400Z ENDING 26 FEB/0400Z

CLASS M OR GREATER 60/60/60

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 22/1700Z AND 22/2000Z WERE 147 AND 148 RESPECTIVELY.

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KMSC

HAUS BOU 231710

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 054B ISSUED 1700Z 23 FEB 1971

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. SCATTERED, NON-ENERGETIC SUBFLARES HAVE MARKED THE DAY SO FAR.

THE NINE REGIONS CURRENTLY VISIBLE APPEAR STABLE. MINOR SURGES

ARE IN EVIDENCE ALONG THE EAST AND WEST LIMBS NEAR N10 AND N20
RESPECTIVELY. QUIET GEOMAGNETIC CONDITIONS PREVAIL.

B. NO CHANGE.

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

CLASS M OR GREATER 60/60/50

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 23/1400Z WAS 147. PREDICTED 10.7 CM
FLUX FOR 24-26 FEB IS 150/152/147.

E. MAGNETIC A-FREDERICKSBURG FOR 22 FEB WAS .03. FOR 23 FEB ABOUT 03
PREDICTED AP FOR 24-26 FEB, 09/13/10.

SOLTERWARN

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