

NNNN0352

NNNN

KMSC

HAUS BOU 080400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 531A ISSUED 0400Z 08 FEBRUARY 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS

A. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 11 HOURS.
THE REGIONS ON THE DISK HAVE ALL STABILIZED AND HAVE PRODUCED
ONLY CLASS C EVENTS. REGIONS ON THE EAST LIMB SE05, NE30 HAVE
BEEN ACTIVE BUT NEITHER REGION HAS ROTATED ON THE DISK
SUFFICIENTLY FOR EVALUATION. THE GEOMAGNETIC FIELD IS QUIET.

B. ACTIVITY WILL REMAIN AT PRESENT LEVEL DURING THE NEXT 13
HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 08 FEB/0400Z ENDING 11 FEB/0400Z.

CLASS M OR GREATER 50/50/50

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUX 07/1700Z AND 2000Z WERE 143 AND 144
RESPECTIVELY.

SOLTERWARN

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NNNN1658

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KMSC

HAUS BOU 081700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 531B ISSUED 1700Z 08 FEBRUARY 1970

CLASS M FLARES ARE POSSIBLE DURING THE NEXT 11 HOURS.

A. ACTIVITY THE PAST 13 HOURS HAS CONSISTED OF CLASS C SUBFLARES IN THE COMPLEXES CENTERED NEAR S11W21 AND N19E28. SEVERAL NEW SMALL SPOTS HAVE DEVELOPED IN THE S10W21/S12W19 COMPLEX BUT THE ASSOCIATED PLAGE APPEARS TO HAVE STABILIZED AND MAY EVEN BE DECLINING. THE N19E28 COMPLEX HAS SHOWN CONSIDERABLE GROWTH THE PAST 24 HOURS. IT NOW CONSISTS OF NUMEROUS SMALL SPOTS SCATTERED OVER NINE DEGREES OF LONGITUDE. THE PLAGE, WHICH HAS ALSO GROWN APPRECIABLY, IS SOMEWHAT SCATTERED BUT FAIRLY BRIGHT AND CONTAINS SEVERAL FILAMENTS. PROTON FLUXES NEAR EARTH ARE AT BACKGROUND. THE GEOMAGNETIC FIELD IS VERY QUIET.

B. OCCASIONAL RELATIVELY SMALL CLASS M EVENTS ARE EXPECTED TO ACCOMPANY FURTHER DEVELOPMENT/CONSOLIDATION OF THE N19E28 COMPLEX DURING THE NEXT 72 HOURS. CLASS M EVENTS ARE ALSO POSSIBLE FROM S10W21/S12W19.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 08 FEB/1700Z ENDING 11/1700Z.

CLASS M OR GREATER 45/50/55

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 152. PREDICTED 160/166/172.

E. MAGNETIC A-FREDERICKSBURG FOR 07 FEB WAS 00. FOR 08 FEB ABOUT 02. PREDICTED AP FOR 09-11 FEB, 05/05/08.

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