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KMSC

HAUS BOU 040400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 496A ISSUED 0400Z 04 JANUARY 1970

CLASS C FLARES ARE EXPECTED IN THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS BEEN CONFINED TO CLASS C FLARES DURING THE PAST 11 HOURS. THE FLARE AT 03/2053Z IN THE REGION S22W61 WAS CLASSIFIED OPTICALLY AS 1B BUT NO RADIO BURSTS OR X-RAYS WERE REPORTED FROM THIS FLARE. THE REGION AT N12W16 IS CLASSIFIED BY MT WILSON AS BETA GAMMA WITH DELTA CONFIGURATION. THE GEOMAGNETIC FIELD HAS RETURNED TO QUIET LEVEL AFTER THE DISTURBANCE OF 02 JAN.

B. ACTIVITY WILL CONTINUE TO BE CLASS C AND AN OCCASIONAL CLASS M FLARE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 04 JAN/0400Z ENDING 07 JAN/0400Z

CLASS M OR GREATER 40/40/40

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX 03/1700Z AND 2000Z WERE 142 AND 144 RESPECTIVELY.

SOLTERWARN

SPAN

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KMSC

HAUS BOU 041700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 496B ISSUED 1700Z 04 JANUARY 1970

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

A. AN IMP ONE ~~NORMAL FLARE AT 03/1913Z NEAR N14W14 IS RECLASSIFIED~~
AS A SMALL CLASS M EVENT ONLY SPORADIC MINOR ACTIVITY HAS BEEN

REPORTED SO FAR THIS UT DAY. MINOR SPOT GROWTH IS REPORTED IN
THE CENTRAL PART OF THE MAGNETICALLY COMPLEX REGION NEAR N13W27.

HOWEVER, AT LAST REPORT THE ASSOCIATED PLAGE WAS RELATIVELY FAINT
AND SMALL EMBEDDED ABSORPTION FEATURES WERE INACTIVE. OTHER DISK

FEATURES ARE UNCHANGED. THE RADIO NOISE STORM AT METER WAVELENGTHS
REPORTED IN SDF 495B CONTINUES. THE GEOMAGNETIC FIELD IS QUIET.

B. OCCASSIONAL SMALL CLASS M EVENTS ARE EXPECTED DURING THE
NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 04 JAN/1700Z ENDING 07/1700Z.

CLASS M OR GREATER 40/40/40

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 136. PREDICTED 134/130/128.

E. MAGNETIC A-FREDERICKSBURG FOR 03 JAN WAS 05. FOR 04 JAN
ABOUT 04. PREDICTED AP FOR 05-07 JAN; 06/08/08.

SOLTERWARN

SPAN

BT

*are you
sure?
Vela is sure!
Solrad isn't!*