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KMSC

HAUS BOU 220400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 573A ISSUED 0400Z 22 MARCH 1970  
CLASS C FLARES ARE EXPECTED AND CLASS M FLARES ARE PROBABLE DURING  
THE NEXT 13 HOURS.

A. THE TWO REGIONS N20E40 AND N16E37 MAKE UP A VERY COMPLEX REGION.  
THEY HAVE BOTH GROWN IN SIZE AND COMPLEX STRUCTURE DURING THE PAST  
11 HOURS. NEARLY ALL OF THE SOLAR ACTIVITY HAS BEEN CONFINED TO  
THESE REGIONS DURING THE PAST 24 HOURS. THE GEOMAGNETIC FIELD IS  
QUIET.

B. CLASS C FLARES WITH AN OCCASIONAL CLASS M FLARE CAN BE EXPECTED  
FROM THE NORTH EAST COMPLEX. A GEOMAGNETIC DISTURBANCE IS LIKELY  
IN THE NEXT 2-4 DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR  
PERIODS BEGINNING 22 MAR/0400Z ENDING 25 MAR/0400Z  
CLASS M OR GREATER 70/70/70

CLASS X 10/10/10

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX 21/1700Z AND 2000Z WERE 151 AND 153  
RESPECTIVELY.

SOLTERWARN

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KMSC

HAUS BOU 221515Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 573B ISSUED 1700Z 22 MARCH 1970

INFREQUENT CLASS M FLARES ARE EXPECTED.

A. NO CLASS M OR X FLARES HAVE BEEN DETECTED IN THE LAST 24 HRS. THE REGION NEAR N20E28 REMAINS COMPLEX IN ALL RESPECTS BUT STILL REMAINS FAIRLY INACTIVE ONLY PRODUCING UNENERGETIC FLARES. THE H ALPHA PLAGE HAS BECOME LESS INTENSE BUT THE SPOTS IN THE SOUTHERN PORTION OF THIS GROUP HAVE COALESCED AND ARE SURROUNDED WITH PENUMBRA. THE REGION LOCATED NEAR N17W50 IS GROWING BUT IS INACTIVE. THE REST OF THE DISK IS UNIMPRESSIVE. THE GEOMAGNETIC FIELD IS QUIET.

B. THE NORTHEAST REGION IS EXPECTED TO PRODUCE OCCASIONAL CLASS M FLARES.

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 60/60/60

CLASS X 10/10/10

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX TODAY AT 1400Z IS 148. PREDICTED 155/158/160.

E. MAGNETIC A-FREDERICKSBURG FOR 21 MARCH WAS 01. FOR 22 MARCH ABOUT 03 PREDICTED AP FOR MARCH 23-25, 06/06/06.

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