

NNNN0350

NNNN0356

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KMSC

HAUS BOU 110400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 503A ISSUED 0400Z 11 JANUARY 1970

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

A. SOLAR ACTIVITY HAS BEEN LOW THE PAST 11 HOURS. THE REGION AT S29W37 HAS PRODUCED THE MOST ACTIVITY. A CLASS M EVENT, OPTICAL 1B, OCCURRED 10/2027Z IN THIS REGION. THE REGION ROTATING ON THE DISK AT SE10 HAS BEEN PRODUCING A SERIES OF BSLS DURING THE PAST 6 HOURS. THE REST OF THE DISK IS STABLE. THE GEOMAGNETIC FIELD IS RELATIVELY QUIET.

B. IT IS EXPECTED THAT SOLAR ACTIVITY WILL INCREASE WITH THE RETURN OF THE REGION ROTATING ON THE DISK AT SE10. CLASS M EVENTS ARE PROBABLE FROM THE S29W37 REGION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 JAN/0400Z ENDING 14 JAN/0400Z

CLASS M OR GREATER 50/55/55

CLASS X 08/10/10

PROTON EVENTS 03/05/05

D. OTTAWA 10.7 CM FLUX 10/1700Z AND 2000Z WERE 142 AND 144 RESPECTIVELY.

SOLTERWARN

SPAN

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HAUS BOU 111700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 503B ISSUED 1700Z 11 JAN 1970

CLASS M ACTIVITY IS EXPECTED DURING THE NEXT 11 HOURS.

A. ACTIVITY HAS BEEN MINOR THE PAST 13 HOURS EXCEPT FOR ONE
SUBNORMAL SMALL CLASS M EVENT AT 11/1122Z NEAR S14E60. THE
REGION NEAR S28W48 HAS GROWN TO A D-TYPE SPOT GROUP AND THE
ASSOCIATED PLAGE HAS FREQUENTLY BEEN AT NEAR FLARE BRIGHTNESS.
SPOT GROWTH HAS ALSO OCCURRED IN THE REGIONS NEAR S09E13 AND
S08E27; THE LATTER IS ALSO NEAR FLARE BRIGHTNESS. NEW REGIONS
ARE LOCATED NEAR N13E70, C-TYPE GROUP WITH SCATTERED PLAGE AND
S10E80 D-TYPE AND LARGE J-TYPE. GROUPS IN FAINT AND SCATTERED
PLAGE WHICH EXTENDS TO THE LIMB. RADIO FLUX LEVELS CONTINUE TO
RISE RAPIDLY. THE GEOMAGNETIC FIELD IS QUIET.

B. ACTIVITY IS EXPECTED TO BE SLIGHTLY ENHANCED THE NEXT 72 HOURS
WITH ONE TO THREE CLASS M EVENTS PER DAY FROM THE SOUTHERN REGIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 11 JAN/1700Z ENDING 14/1700Z.

CLASS M OR GREATER 50/55/60

CLASS X 08/10/10

PROTON EVENTS 03/05/05

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 160. PREDICTED 170/178/186.

E. MAGNETIC A-FREDERICKSBURG FOR 09 JAN WAS 07 FOR 10 JAN 03. FOR
11 JAN ABOUT 05. PREDICTED AP FOR 12-14 JAN, 06/08/10.

SOLTERWARN

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