

NNNN0420

NNNN

KMSC

HAUS BOU 110420Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 472A ISSUED 0400Z 11 DEC 1969

INFREQUENT CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. ACTIVITY HAS BEEN SO MINIMAL THAT ONLY 2 SUBFLARES HAVE BEEN OBSERVED DURING THE PAST 24 HOURS. THE CURRENT SUNSPOT MINIMUM CONDITIONS ARE FURTHER EMPHASIZED BY THE FACT THAT THE TOTAL AREA OF ALL FOUR SPOT GROUPS VISIBLE SLIGHTLY EXCEEDS A MERE 200 MILLIONTHS.

B. THE EXTREMELY LOW RATE OF FLARE PRODUCTION IS EXPECTED TO CONTINUE FOR AT LEAST ANOTHER 24 HOURS.

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

CLASS M OR GREATER 30/40/40

CLASS X 02/10/10

PROTON EVENTS 02/05/05

D. OTTAWA 10.7 CM FLUX FOR 10/2000Z WAS 121.

SOLTERWARN

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HAUS BOU 111700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 472B ISSUED 1700Z 11 DECEMBER 1969

CLASS C FLARES ARE EXPECTED IN THE NEXT 11 HOURS

A. ACTIVITY IN THE LAST 13 HOURS HAS BEEN MINIMAL. ACTIVITY
FROM THE NE LIMB APPEARS ASSOCIATED WITH RETURNING REGIONS
AT N06 AND N15. THE FIRST IS EXPECTED ON THE LIMB TOMORROW,
THE SECOND IS EXPECTED ON THE LIMB IN ABOUT 36 HOURS.

PIONEER DATA INDICATES NO MAJOR ACTIVITY FROM THESE REGIONS
IN THE LAST FIVE DAYS. ALL DISK REGIONS ARE QUIET. THE
GEOMAGNETIC FIELD IS QUIET, AND PROTON FLUXES ARE AT BACKGROUND.

B. ONLY MINOR ACTIVITY IS EXPECTED.

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

CLASS M OR GREATER 30/40/40

CLASS X 02/10/10

PROTON EVENTS 02/05/05

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 118. PREDICTED 123/130/138.

E. MAGNETIC A-FREDERICKSBURG FOR 10 DEC WAS 03. FOR 11 DEC
ABOUT 10. PREDICTED AP FOR 12-14 DEC 08/10/10.

SOLTERWARN

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