

HAUS BOU 040425Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 465A ISSUED 0400Z 04 DEC 1969

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

A. ALTHOUGH NO M FLARES HAVE BEEN REPORTED DURING THE PAST 12 HOURS. FREQUENT CLASS C EVENTS CONTINUED FROM WITHIN THE SMALL BETA-GAMMA SPOT GROUP NEAR N20W47. THE HYDROGEN PLAGE HAS BEEN VERY BRIGHT THERE FOR ABOUT THE LAST 12 HOURS. ON THE OTHER HAND THE 2 LARGEST SUNSPOTS(S14W41 AND S20E07) HAVE BEEN CONSPICUOUSLY INACTIVE. THESE REGIONS HAVE EXHIBITED VERY LITTLE CHANGE IN AREA OR CONFIGURATION.

B. THE OVERALL LOW ACTIVITY LEVEL IS EXPECTED TO CONTINUE FOR THE NEXT 3 DAYS. THERE EXISTS SOME EVIDENCE, FROM BSL ACTIVITY ON THE EAST LIMB AND CONTINUED ABOVE BACKGROUND PROTON COUNTING RATES FROM PIONEERS 6 AND 7, FOR THE APPEARANCE AT EL OF A MODERATELY ACTIVE REGION SOMETIME DURING THE NEXT 2.5 DAYS.

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

CLASS M OR GREATER 30/40/40

CLASS X 02/05/05

PROTON EVENTS 01/02/02

D. OTTAWA 10.7 CM FLUXES FOR 03/1700 AND 2000Z WERE 136 AND 138 RESPECTIVELY.

SOLTERWARN

SPAN

BT

NNNNUU0432
NNNNIGVLGVRG
KMSC

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CLASS M OR GREATER 30/40/40

CLASS X 02/05/05

PROTON EVENTS 01/02/02

D. OTTAWA 10.7 CM FLUXES FOR 03/1700 AND 2000Z WERE 136 AND 138 RESPECTIVELY.

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HAUS BOU 041700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 465B ISSUED 1700Z 04 DECEMBER 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS

A. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL WITH ONLY CLASS C FLARES BEING OBSERVED. MINOR SPOT GROWTH HAS OCCURRED AT S10E06. THE N21W54 REGION IS UNCHANGED. THE REMAINING REGIONS ARE STABLE. THE GEOMAGNETIC FIELD IS DISTURBED.

B. ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT THREE DAYS. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN UNSETTLED FOR THE NEXT 48-72 HOURS.

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

CLASS M OR GREATER 30/30/30

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 139. PREDICTED 140/140/140.

MAGNETIC A-FREDERICKSBURG FOR 03 DEC WAS 02. FOR 04 DEC ABOUT

12. PREDICTED AP FOR 05/07 DEC 15/15/10.

SOLTERWARN

SPAN

BT