

NNNNUU0354

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KMSC

HAUS BOU 010400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 462A ISSUED 0400Z 01 DECEMBER 1969

CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. DURING THE PAST 11 HOURS SOLAR ACTIVITY HAS BEEN VERY LOW. ONLY CLASS C SUBFLARES HAVE BEEN OBSERVED. THE BRIGHT SURGE ON THE WEST LIMB AT 30/1708Z WAS CLASSIFIED AN M EVENT. THE REGION NOW AT N23 CENTRAL MERIDIAN IS STILL THE MOST SIGNIFICANT DISK FEATURE. THE OTHER DISK REGIONS ARE ALL QUIET. THE GEOMAGNETIC FIELD HAS QUIETED DURING THE PAST SIX HOURS. PIONEER SIX AND SEVEN ARE STILL SHOWING HIGH READINGS INDICATING AN ACTIVE REGION STILL SEVERAL DAYS OFF THE EAST LIMB.

B. MINOR SOLAR ACTIVITY WILL CONTINUE FOR SEVERAL MORE DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 01 DEC/0400Z ENDING 04 DEC/0400Z

CLASS M OR GREATER 25/25/25

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX 30/1700Z AND 2000Z WERE 140 AND 137

RESPECTIVELY

SOLTERWARN

SPAN

BT

NNNNUUU1700

NNNNEG

KMSC

HAUS BOU 011700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 462B ISSUED 1700Z 01 DEC 1969

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

A. SOLAR ACTIVITY IS CURRENTLY AT A LOW LEVEL WITH ONLY CLASS C FLARES BEING OBSERVED. TWO J-TYPE SPOT GROUPS ARE LOCATED NEAR N16E68 AND N17E86. SMALL SPIKE SURGES AT N16EL SUGGEST ANOTHER SMALL SPOT GROUP WILL ROTATE OVER EL. MINOR SPOT GROWTH HAS OCCURRED AT S19E28. THE REMAINING REGIONS ARE STABLE AND UNIMPRESSIVE. THE GEOMAGNETIC FIELD IS QUIET.

B. NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT 3 DAYS. FLARES SHOULD BE LIMITED TO CLASS C EVENTS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 01/1700Z ENDING 04/1700Z.

CLASS M OR GREATER 25/25/25

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX AT 1400Z 137. PREDICTED 135/130/125.

E. MAGNETIC A-FREDERICKSBURG FOR 30 NOV WAS 13. FOR 01 DEC ABOUT 04 PREDICTED AP FOR 2-4 DEC 6/6/8.

SOLTERWARN

SPAN

BT