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KMSC

HAUS BOU 170400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 568A ISSUED 0400Z 17 MARCH 1970

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

A. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. ONLY A FEW CLASS C FLARES HAVE BEEN OBSERVED DURING THE PAST 11 HOURS. STARTING ABOUT 16/1600Z SOUTH WEST LIMB ACTIVITY INCREASED. SEVERAL BSLS HAVE BEEN OBSERVED BUT NO RADIO EFFECTS HAVE BEEN OBSERVED. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY WILL REMAIN AT A LOW LEVEL DURING THE NEXT 13 HOURS. FURTHER SOUTH WEST LIMB ACTIVITY IS EXPECTED FROM THE DEPARTING REGION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 17 MAR/0400Z ENDING 20 MAR/0400Z

CLASS M OR GREATER 25/25/25

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX 16/1700Z AND 2000Z WERE 140 AND 142 RESPECTIVELY.

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

A. SOLAR ACTIVITY REMAINS AT A LOW LEVEL. TWO SMALL CLASS M EVENTS WERE RECORDED AT 17/0528Z AND 17/0821Z FROM BSL ACTIVITY AT S14WL. THE SMALL REGIONS CURRENTLY ON THE DISK ARE UNCHANGED AND UNIMPRESSIVE. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS C FLARES ARE EXPECTED TO CONTINUE AT A LOW LEVEL DURING THE NEXT 3 DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 17/1700Z ENDING 20/1700Z.

CLASS M OR GREATER 25/25/25

CLASS X 2/2/2

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 134. PREDICTED 130/125/122.

E. MAGNETIC A-FREDERICKSBURG FOR 16 MAR WAS 02. FOR 17 MAR ABOUT 03 PREDICTED AP FOR 18-20 MAR, 6/6/8.

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