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KMSC

HAUS BOU 100400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 561A ISSUED 0400Z 10 MARCH 1970

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

A. SOLAR ACTIVITY CONTINUES AT A MODERATE LEVEL. ONLY CLASS C FLARES HAVE BEEN OBSERVED DURING THE PAST 11 HOURS. THE PCA AND SATELLITE DETECTED PROTONS TERMINATED AT ABOUT 09/1600Z. SATELLITE READINGS ARE NOW AT MUCH LOWER LEVEL. THE GREAT GEOMAGNETIC STORM DECREASED BUT THE FIELD IS STILL SLIGHTLY DISTURBED. THE REGIONS S13E08 AND S11W31 HAVE PRODUCED MOST OF THE SOLAR ACTIVITY IN THE LAST 24 HOURS. THE OTHER REGIONS ON THE VISIBLE DISK HAVE BEEN QUIET.

B. CLASS C FLARES WITH AN OCCASIONAL CLASS M FLARE ARE EXPECTED FROM THE REGIONS S13E08 AND S11W31. THE GEOMAGNETIC FIELD WILL REMAIN DISTURBED DURING THIS FORECAST PERIOD.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 MAR/0400Z ENDING 13 MAR/0400Z

CLASS M OR GREATER 70/70/70

CLASS X 20/20/20

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX 09/1700Z AND 2000Z WERE 167 AND 164 RESPECTIVELY.

SOLTERWARN

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HAUS BOU 101700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 561B ISSUED 1700Z 10 MARCH 1970

CLASS M FLARES ARE PROBABLE DURING THE NEXT 11 HOURS

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. THE ONLY CLASS M EVENT WAS OBSERVED AS A DIFFUSE IMPORTANCE 2F/1N FLARE AT 10/0715Z AT THE EASTERN PORTION OF THE PLAGE REGION AT S15E13. THE TRAILING PORTION OF THE S15W02 REGION HAS SHOWN SOME UNBRAL GROWTH. THE REMAINING REGIONS ARE ALL DECLINING. THE GEO-MAGNETIC FIELD IS CURRENTLY VERY QUIET. ATS-1 SATELLITE PROTON FLUXES ARE AT BACKGROUND.

B. SPORADIC CLASS M FLARES ARE EXPECTED DURING THE NEXT 3 DAYS FROM THE S15W01 REGION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10/1700Z ENDING 13/1700Z.

CLASS M OR GREATER 70/60/60

CLASS X 15/10/10

PROTON EVENTS 05/02/02

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 168. PREDICTED 163/160/160.

E. MAGNETIC A-FREDERICKSBURG FOR 09 MAR WAS 34. FOR 10 MAR ABOUT 10. PREDICTED AP FOR 11-13 MAR 08/08/08.

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