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KMSC

HAUS BOU 040400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 616A ISSUED 0400Z 04 MAY 1970

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. THE REGION N18E76 AND N19W42 ARE THE ONLY REGIONS ON THE DISK WHICH HAVE SHOWN ANY CHANGE DURING THE PAST 11 HOURS. THERE HAS BEEN ONLY A VERY FEW FLARES OBSERVED DURING THE PAST 24 HOURS.

THE GEOMAGNETIC FIELD REMAINS SLIGHTLY DISTURBED.

B. CLASS C ACTIVITY WILL CONTINUE AT ITS LOW LEVEL DURING THE NEXT 13 HOURS. NO MAJOR FLARE ACTIVITY IS EXPECTED. THE GEOMAGNETIC FIELD WILL REMAIN SLIGHTLY DISTURBED.

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

CLASS M OR GREATER 40/40/40

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 03/1700Z AND 2000Z WERE 161 AND 162 RESPECTIVELY.

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KMSC

HAUS BOU 041700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 616B ISSUED 1700Z 04 MAY 1970

ONLY CLASS-C ACTIVITY APPEARS LIKELY DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL, AND ONLY A FEW NON-ENERGETIC SUBFLARES HAVE BEEN REPORTED DURING THE PAST 13 HOURS. IT NOW APPEARS THAT THE REGION IN THE NORTHEAST IS COMPOSED OF TWO GROUPS; ONE OF THESE GROUPS, LOCATED AT N18E64, IS AN E-TYPE WITH AN H-TYPE FOLLOWER SPOT, AND THE OTHER GROUP, LOCATED AT N16E70, IS A C-TYPE. THE GEOMAGNETIC FIELD HAS BEEN RELATIVELY UNDISTURBED DURING THE PAST 13 HOURS.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A RELATIVELY LOW LEVEL. AT PRESENT THE GROUPS AT N19W59 AND N18E64 APPEAR TO BE THE ONLY REGIONS ON THE DISK CAPABLE OF PRODUCING ANY SIGNIFICANT ACTIVITY. CLASS C FLARES ARE EXPECTED DURING THE NEXT 24 HOURS. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN SLIGHTLY DISTURBED.

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

CLASS M OR GREATER 45/45/45

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX TODAY IS 163. PREDICTED 168/172/176.

E. MAGNETIC A-FREDERICKSBURG FOR 03 MAY WAS 09. FOR 04 MAY ABOUT 09 PREDICTED AP FOR 05-07 MAY, 10/10/12.

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