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HAUS BOU 280400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 087A ISSUED 0400Z 28 MARCH 1971

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

A. THE REGION S19E42 CONTINUES TO BE THE MOST INTERESTING DISK FEATURE. A FEW NON ENERGETIC SUBFLARES HAVE BEEN OBSERVED FROM THE REGION S19E42 BUT THE REGION HAS NOT SHOWN ANY MAJOR CHANGE DURING THE PAST 24 HOURS. THE OTHER DISK REGIONS ARE QUIET. THE GEOMAGNETIC FIELD HAS HAD SHORT PERIODS OF MINOR DISTURBANCE.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LOW LEVEL. THE REGION S19E42 COULD PRODUCE SOME ENERGETIC ACTIVITY IF MAJOR GROWTH SHOULD DEVELOP. THE GEOMAGNETIC FIELD WILL REMAIN RELATIVELY QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 28 MARCH/0400Z ENDING 31 MARCH/0400Z

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 27/1700Z AND 27/2000Z WERE 109 AND 106 RESPECTIVELY.

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HAUS BOU 281700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 087B ISSUED 1700Z 28 MAR 1971

FLARE ACTIVITY DURING THE NEXT 11 HOURS IS NOT EXPECTED TO EXCEED THE CLASS C LEVEL.

A. NON-ENERGETIC SUBFLARES CONTINUE TO CHARACTERIZE DISK ACTIVITY. ALL FLARES REPORTED TODAY HAVE OCCURRED WITHIN THE D-TYPE SPOT GROUP NEAR S17E35. NO OTHER REGION IS OF SIGNIFICANCE IN EITHER HYDROGEN OR WHITE LIGHT. ALONG THE NE LIMB AN ACTIVE PROMINENCE IS VISIBLE. IN ITS CURRENT PROJECTION THE STRUCTURE SPANS ABOUT 17 DEGREES-FROM N14 TO 31. BSLS ARE ALSO EVIDENT NEAR NW20. GEOMAGNETICALLY CONDITIONS ARE VERY QUIET WITH LOCAL 3-HOUR RANGE INDICES EITHER ZERO OR ONE.

B. NO CHANGE WITH RESPECT TO SOLAR DISK AND LIMBS. THE GEOMAGNETIC FIELD IS EXPECTED TO BE VERY QUIET THROUGHOUT THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 28 MAR/1700Z ENDING 01 APR/1700Z.

CLASS M OR GREATER 30/30/30

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 28/1400Z WAS 106. PREDICTED 10.7 CM FLUX FOR 29 MAR-01 APR IS 104/105/107.

E. MAGNETIC A-FREDERICKSBURG FOR 27 MAR WAS 08. FOR 28 MAR ABOUT 03. PREDICTED AP FOR 29 MAR-01 APR, 02/08/11.

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