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HFUS BOU 260500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 269A ISSUED 0500Z 26 SEPTEMBER 1971

CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL DURING THE PAST 24 HOURS. THE MAGNETIC DISTURBANCE ENDED AT ABOUT 25/1800Z. THE REGION 277 (S07E60) IS THE MOST INTERESTING DISK FEATURE. A LARGE FILAMENT IS SOUTH EAST OF REGION 277 AND EXTENDS TO THE LIMB. NEW SPOTS HAVE ALSO BEEN OBSERVED SE OF REGION 277. OTHER REGIONS ARE QUIET AND INACTIVE. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY DISTURBED.

B. SOLAR ACTIVITY WILL CONTINUE AT PRESENT LEVEL. GEOMAGNETIC FIELD WILL BE DISTURBED FOR ABOUT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26 SEPT/0000Z ENDING 28 SEPT/2400Z

CLASS M OR GREATER 40/35/25

CLASS X 02/02/02

PROTON EVENTS 10/10/05

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HFUS BOU 262200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 269B ISSUED 2200Z 26 SEPT 1971

CLASS C FLARES ONLY ARE EXPECTED DURING THE NEXT 24 HOURS.

A. ACTIVITY CONSISTS OF INFREQUENT, NON-ENERGETIC SUBFLARES FROM TWO OF THE FOUR UNIMPRESSIVE DISK FEATURES VISIBLE, NAMELY, THOSE NEAR S13W12 AND S06E45. THE GEOMAGNETIC FIELD REMAINS UNSETTLED WITH LOCAL K-VALUES RUNNING ABOUT TWO AND BORDERING ON THREE DURING THE TWO MOST RECENT 3-HOUR PERIODS.

B. DISK ACTIVITY IS NOT EXPECTED TO CHANGE FROM THE CURRENT SUNSPOT MINIMUM-LIKE LEVEL OVER THE NEXT THREE DAYS.

BEGINNING ABOUT 2400Z TODAY A SECOND INTERPLANETARY BOUNDARY SHOULD BEGIN ITS SWEEP BY EARTH. THE MOST DISTURBED THE

FIELD IS EXPECTED TO BECOME IS K EQUAL 5.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27 SEPT/0000Z ENDING 29 SEPT/2400Z.

CLASS M OR GREATER 35/25/15

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 26/1400Z, 26/1700Z AND 26/2000Z WERE 108, 111 AND 111 RESPECTIVELY. PREDICTED 10.7CM FLUX FOR 27-29 SEPT IS 105/104/99.

E. MAGNETIC A-FREDERICKSBURG FOR 25 SEPT WAS 19. FOR 26 SEPT ABOUT 05. PREDICTED AP FOR 27-29 SEPT IS 20/10/03.

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