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HFUS BOU 042200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 064 ISSUED 2200Z 04 MARCH 1972

SMALL CLASS M EVENTS EXPECTED.

A. REGION 086 /S07E40/ HAS BEEN THE MOST ACTIVE REGION AND PRODUCED AN M1 EVENT AT 0941Z. CHANGES AROUND 086S LEADER SPOT TOWARDS A DELTA CONFIGURATION ARE OCCURRING. REGIONS 080 /N09W60/ AND 078 /S08W17/ HAVE PRODUCED NON-ENERGETIC EVENTS. IN REGION 080 SUNSPOT GROWTH NEAR THE LEADER SPOT HAS TAKEN PLACE. AN M EVENT WITH NO APPARENT DISK FLARE HAS BEEN OBSERVED BY VELA AND THE 2000Z OTTAWA FLUX INCREASED TO 144 FROM 139 AT 1700Z. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST 24 HOURS.

B. CONTINUED M EVENTS EXPECTED PRIMARILY FROM REGION 086. AFTER CONSULTING WITH AESC THE INCREASED DISK ACTIVITY, THE ENHANCED OTTAWA FLUX, AND THE UNCORRELATED M EVENT MIGHT BE INDICATIVE OF INCREASED SOLAR ACTIVITY TO COME. THE GEOMAGNETIC FIELD WILL BE UNSETTLED TO QUIET THE NEXT 24 HOURS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 05 MAR/0000Z ENDING 07 MAR/2400Z.

CLASS M OR GREATER 75/75/75

CLASS X 05/05/05

PROTON EVENT 05/05/05

D. OTTAWA 10.7CM FLUXES FOR 04/1400Z, 1700Z AND 2000Z WERE 140, 139 AND 144. PREDICTED 10.7CM FLUXES FOR 05-07 MAR ARE 140/140/140.

E. MAGNETIC A-FREDERICKSBURG FOR 03 MAR WAS 11. FOR 04 MAR ABOUT 07. PREDICTED AP FOR 05-07 MAR ARE 08/06/06.

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