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HFUS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 130 ISSUED 2200Z 09 MAY 1972

SUNSPOT MINIMUM LEVELS OF ACTIVITY PERSIST

A. NO ENERGETIC FLARES HAVE BEEN REPORTED SO FAR TODAY. WITH ONLY PARTIAL OPTICAL PATROL AVAILABLE, REGION 130 /N18W10/ HAS APPEARED TO BE THE MOST ACTIVE DISK FEATURE. THIS THREE-DAY OLD GROUP IS STILL QUITE SCATTERED AND CONTAINS NO WELL DEFINED PENUMBRAE. IN TOTAL THERE ARE SIX SPOT GROUPS VISIBLE-TWO OF THESE ARE NEW WHILE A THIRD HAS ROTATED INTO VIEW NEAR S05. REGION 176 /S14W13/ CONTINUES TO DOMINATE THE DISK AT LEAST IN TERMS OF AREA AND LONGITUDINAL EXTENT. QUIET TO UNSETTLED GEO-MAGNETIC CONDITIONS EXIST.

B. FLARE FREQUENCY AND INTENSITY IS EXPECTED TO CHANGE LITTLE DURING THE NEXT THREE DAYS. THE PLANETARY A INDEX SHOULD REMAIN LESS THAN 10 AS WELL.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 MAY/0000Z ENDING 12 MAY/2400Z.
CLASS M OR GREATER 20/20/10

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 09/1400Z, 09/1700Z AND 09/2000Z WERE 129, 130 AND 128 RESPECTIVELY. PREDICTED 10.7CM FLUX FOR 10-12 MAY IS 131/127/126.

E. MAGNETIC A-FREDERICKSBURG FOR 08 MAY WAS 03. FOR 09 MAY ABOUT 07. PREDICTED AP FOR 10-12 MAY IS 05/07/04.

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