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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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