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HFUS BOU 022200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 154 ISSUED 2200Z 02 JUNE 1972

A. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL DURING THE PAST 24 HOURS. REGION 210 /N10W42/ STILL RETAINS A STRONG DELTA CONFIGURATION IN THE LEADER. THE NEUTRAL LINE IN THE TRAILING PORTION IS SIMPLIFYING. REGIONS 217 /S14E32/, 221 /S08E36/ AND 219 /S06E34/ ARE JOINED BY A CONTINUOUS NEUTRAL LINE FILAMENT WITH NUMEROUS SHARP BENDS. THIS COMPLEX CURRENTLY HAS THE HIGHEST RADIOMETRIC TEMPERATURE AT 8.6 MM. EMERGING REGIONS 223 /S04W03/ AND 224 /N09E21/ CONTINUE NOMINAL GROWTH WITH EMBEDDED ARCH FILAMENT STRUCTURES. THE PORTION OF THE LARGE FILAMENT IN NE QUADRANT FROM N22E26 TO N45E38 IS MODERATELY ACTIVE IN THE BLUE WING. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. A CLASS M EVENT IS PROBABLE FROM REGION 210 AND POSSIBLE FROM THE SOUTHEAST COMPLEX. THE GEOMAGNETIC FIELD IS EXPECTED TO BECOME UNSETTLED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 JUN/0000Z ENDING 05 JUN/2400Z.

CLASS M OR GREATER 85/75/75

CLASS X 10/08/08

PROTON EVENTS 20/15/15

D. OTTAWA 10.7 CM FLUXES FOR 02/1400Z, 02/1700Z AND 02/2000Z WERE 127, 126 AND 126 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 03-05 JUNE IS 127/129/127.

E. MAGNETIC A-FREDERICKSBURG FOR 01 JUN WAS 06. FOR 02 JUN ABOUT 06. PREDICTED AP FOR 03-05 JUN, 16/08/14.

SOLTERWARN

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