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HFUS BOU 090500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 252A ISSUED 0500Z 09 SEPT 1971

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

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST SEVEN HOURS, AND ONLY A FEW NON-ENERGETIC SUBFLARES HAVE BEEN REPORTED. SLIGHT DEVELOPMENT OF THE PLAGE AND SPOTS OF REGION 250 (NO3E77) HAS OCCURRED RECENTLY.

A NEW BIPOLAR SPOT GROUP ACCOMPANIED BY SMALL, FAINT PLAGE HAS APPEARED AT NO3E29. OTHER REGIONS HAVE EXHIBITED LITTLE SIGNIFICANT CHANGE. QUIET GEOMAGNETIC CONDITIONS HAVE BEEN OBSERVED DURING THE PAST SEVEN HOURS.

B. NO CHANGE

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 09SEPT/0000Z ENDING 11 SEPT/2400Z.

CLASS M OR GREATER 40/40/30

CLASS X 02/02/02

PROTON EVENTS 02/02/02

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HFUS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 252B ISSUED 2200Z 09 SEPT 1971

OCCASIONAL CLASS C FLARES ARE EXPECTED.

A. NO ENERGETIC EVENT HAS OCCURRED DURING THE PAST 17 HOURS. SMALL SURGES ARE OCCURRING WITH REGION 250 /N03W90/ AND MINOR PLAGE FLUCTUATIONS WITH REGION 246 /S08W83/. REGION 249 /N17W51/ HAS HAD SLIGHT REJUVENATION BUT REMAINS SMALL AND SIMPLE. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET FOR THE NEXT 18-24 HOURS AND THEN BECOME UNSETTLED.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 SEP/0000Z ENDING 12 SEP/2400Z.

CLASS M OR GREATER 30/15/15

CLASS X 02/01/01

PROTON EVENTS 02/01/01

D. OTTAWA 10.7 CM FLUXES FOR 09/1400Z, 09/1700Z AND 09/2000Z WERE 98, 97 AND 92 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 10-12 SEP IS 95/94/96.

E. MAGNETIC A-FREDERICKSBURG FOR 08 SEP WAS 12. FOR 09 SEP ABOUT 04 PREDICTED AP FOR 10-12 SEP, 03/07/11.

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