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HFUS BOU 090500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 190A ISSUED 0500Z 09 JULY 1971

INFREQUENT BORDERLINE CLASS M EVENTS EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS BEEN MINIMAL THE PAST 12 HOURS. REGION 159 /S03E24/ HAS CHANGED ONLY SLIGHTLY ADDING A FEW SPOTS IN THE CENTRAL PORTION. REGION 148 /S12W77/ APPEARS TO BE FORMING A COUPLET OF LARGE SYMETRIC H TYPE LEADER SPOTS. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED SINCE 09/0000Z.

B. NO CHANGE IN THE SOLAR FORECAST. THE GEOMAGNETIC FIELD APPARENTLY IS ENTERING THE FAMILIAR PATTERN OF EARLY MORNING UNSETTLED CONDITIONS WHICH MIGHT PERSIST FOR THE NEXT FEW DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 09 JULY/0000Z ENDING 12 JULY/0000Z.

CLASS M OR GREATER 75/75/75

CLASS X 05/05/05

PROTON EVENTS 05/05/05

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HFUS BOU 092200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 1908 ISSUED 2200Z 09 JULY 1971

OCCASIONAL MINOR FLARES EXPECTED NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS BEEN LOW. OCCASIONAL NON-ENERGETIC SUB-FLARES HAVE BEEN OBSERVED IN REGION 159/S07E15/. A SMALL NEW BIPOLAR STRUCTURE HAS EMERGED IN THE SOUTHEAST CORNER OF THE REGION. FREQUENT SURGES AT ABOUT NE 13 INDICATE A RELATIVE NEW REGION IS ABOUT TO ROTATE ONTO THE DISK. THE GEOMAGNETIC FIELD HAS BEEN MOSTLY QUIET WITH UNSETTLED PERIODS.

B. MINOR FLARES ARE EXPECTED WITH CHANCES FOR A SMALL CLASS M OR TWO, PRIMARILY IN REGION 159 AND ON THE NE LIMB. UNSETTLED CONDITIONS ARE EXPECTED IN THE GEOMAGNETIC FIELD.

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

CLASS M OR GREATER 75/75/75

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUXES FOR 09/1400Z AND 09/1700Z WERE 105 AND 104 RESPECTIVELY. PREDICTED 10.7 CM FLUX FOR 10-12 JULY IS 102/103/103.

E. MAGNETIC A-FREDERICKSBURG FOR 03 WAS 10. FOR 09 ABOUT 03 PREDICTED AP FOR 10-12 JULY, 11/12/09.

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