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HFUS BOU 060500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 187A ISSUED 0500Z 06 JULY 1971

CLASS C FLARES ARE EXPECTED AND AN OCCASIONAL CLASS M FLARE IS PROBABLE DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. REGIONS 148 (S12W37) AND 159 (S07E66) HAVE PRODUCED ALL THE ACTIVITY. REGION 148 IS DECLINING IN ALL PARAMETERS AND REGION 159 IS CONTINUING TO SHOW A LITTLE GROWTH. THE OTHER DISK REGIONS ARE QUIET AND STABLE. THE GEOMAGNETIC FIELD IS QUIET WITH SHORT PERIODS OF MINOR DISTURBANCE.

B. REGIONS 148 AND 159 ARE BOTH CAPABLE OF PRODUCING ONE OR TWO ENERGETIC FLARES. THE GEOMAGNETIC FIELD WILL CONTINUE TO HAVE SHORT PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 JULY/0000Z ENDING 09 JULY/0000Z

CLASS M OR GREATER 70/70/70

CLASS X 10/10/10

PROTON EVENTS 10/05/05

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HFUS BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 187B ISSUED 2200Z 05 JULY 1971

CLASS C SUBFLARES AND A PROBABLE INFREQUENT CLASS M FLARE ARE EXPECTED DURING THE NEXT 24 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST 17 HOURS. MOST OF THE EXISTING REGIONS APPEAR TO BE STABLE. NO M FLARES HAVE BEEN REPORTED TODAY. REGION 159 /S07E57/ DISPLAYS MODERATE PLAGE SIZE, BETA GAMMA IN STRUCTURE, AND MIXED POLARITIES. REGION 148 /S12W48/ APPEARS TO BE STABLE OR DECLINING. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET.

B. REGION 159 /S07E57/ APPEARS TO BE A POTENTIAL FLARE PRODUCER. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET FOR THE NEXT 24-48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 07 JULY/0000Z ENDING 09 JULY/2400Z.

CLASS M OR GREATER 70/55/60

CLASS X 08/08/08

PROTON EVENTS 08/05/05

D. OTTAWA 10.7 CM FLUXES FOR 06/1400Z, 06/1700Z AND 06/2000Z WERE 124, 123 AND 120 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 07-09 JULY IS 122/123/124.

E. MAGNETIC A-FREDERICKSBURG FOR 05 JULY WAS 08. FOR 06 JULY ABOUT 05. PREDICTED AP FOR 07-09 JULY, 05/05/03.

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