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HFUS BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 288 ISSUED 2200Z 15 OCT 1971

MINOR FLARES EXPECTED.

A. NONE OF THE SOLAR DISK REGIONS ARE IMPRESSIVE. REGION 302 /S12W43/ HAS NOT DEVELOPED FURTHER AND IS NOT EXPECTED TO PRODUCE ENERGETIC /CLASS M/ FLARES DURING ITS DISK PASSAGE. MINOR SURGING IS REPORTED AT NEO4 WHERE A SMALL REGION IS DUE TO RETURN. FLARES FROM THIS REGION ARE EXPECTED TO BE MINOR. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. NO SIGNIFICANT FLARES ARE EXPECTED. A LONGSTANDING INTER-PLANETARY SECTOR BOUNDARY IS EXPECTED TO PASS THE EARTH ON 16 OR 17 OCT. LAST ROTATION, FLARE ACTIVITY WITHIN THE SECTOR HAD ADVANCED THE LEADING EDGE ABOUT TWO DAYS AND PRODUCED A SMALL STORM BUT THIS ROTATION THE BOUNDARY IS EXPECTED BACK IN ITS FORMER POSITION AND TO PRODUCE ONLY UNSETTLED OR SLIGHTLY ACTIVE CONDITIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 16 OCT/0000Z ENDING 18 OCT/2400Z.

CLASS M OR GREATER 10/05/05

CLASS X 00/00/00

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 15/1400Z, 15/1700Z AND 15/2000Z WERE 92, 90 AND 90 RESPECTIVELY. PREDICTED 10.7CM FLUX FOR 16-18 OCT IS 91/91/91.

E. MAGNETIC A-FREDERICKSBURG FOR 14 OCT WAS 10. FOR 15 OCT ABOUT 06. PREDICTED AP FOR 16-18 OCT IS 10/17/08.

SOLTERWARN

SPAN

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