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HFUS BOU 032205

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 247 ISSUED 2200Z 03 SEPTEMBER 1972

A. DISK ACTIVITY REMAINS LOW WITH ONLY FOUR SUBFLARES REPORTED SINCE OUR LAST MESSAGE. THE SOUTHWEST COMPLEX CONSISTING OF REGIONS 371 /S05W65/, 393 /S05W55/ AND 394 /S05W42/ IS THE PRIMARY AREA OF INTEREST. REGION 393, THE LARGEST AND MOST SIGNIFICANT GROUP IN THIS COMPLEX, IS STILL DEVELOPING AND IT PRODUCED A CLASS C X-RAY FLARE AT 0856Z TODAY. THE GEOMAGNETIC FIELD IS QUIET.

B. FLARE ACTIVITY SHOULD REMAIN LOW DURING THE NEXT 72 HOURS. HOWEVER, THE SOUTHWEST COMPLEX APPEARS CAPABLE OF PRODUCING AN OCCASIONAL CLASS M EVENT. THE GEOMAGNETIC FIELD IS EXPECTED TO BE QUIET TO MILDLY UNSETTLED.

C. EVENT PROBABILITIES 04 SEP/0000Z-06 SEP/2400Z

CLASS M 50/45/30

CLASS X 03/04/03

PROTON 03/04/04

D. OTTAWA 10.7 CM FLUX

OBSERVED 03 SEP/1700Z 129

PREDICTED 04 SEP-06 SEP 120-115-110

E. A-FREDERICKSBURG

OBSERVED 02 SEP 05

ESTIMATED 03 SEP 06

PREDICTED 04 SEP-06 SEP 11-09-10

SOLTERWARN

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