

KBOU  
HFUS BOU 032200  
**BOULDER  
FORECAST**

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 185 ISSUED 2200Z JULY 03 1972

A. SOLAR ACTIVITY HAS REMAINED LOW, WITH ONLY SUB-FAINT AND SUB-NORMAL FLARES REPORTED. MOST OF THESE OCCURRED IN REGION 262 /N07W34/, AND NONE EXCEEDED X-RAY CLASS C. NEW REGIONS 271 /S10E80/ AND 272 /S01W35/ SHOULD BE NOTED. LIMB ACTIVITY AT SE10-15 INDICATES THAT AN ADDITIONAL REGION MAY BE APPROACHING. THE GEOMAGNETIC FIELD HAS BEEN MILDLY UNSETTLED.

B. THE GENERAL LEVEL OF ACTIVITY IS EXPECTED TO REMAIN LOW, BUT THE NUMBER OF NON-ENERGETIC EVENTS MAY INCREASE AS NEW REGIONS ROTATE ONTO THE DISK. REGIONS 262 AND 272 BOTH SHOW POTENTIAL FOR ENERGETIC EVENTS, AND ALREADY SHOW SOME INTERACTION. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN MILDLY UNSETTLED, PERHAPS BECOMING UNSETTLED AS REGION 262 MOVES INTO THE WESTERN HEMISPHERE.

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

CLASS M 30/35/35

CLASS X 01/01/03

PROTON 01/01/03

D. OTTAWA 10.7 CM FLUX

OBSERVED 03 JULY/1700Z 135

PREDICTED 04 JULY-06 JULY 140-143-145

E. A-FREDERICKSBURG

OBSERVED 02 JULY 06

ESTIMATED 03 JULY 08

PREDICTED 04 JULY-06 JULY 08-08-10

SOLTERWARN

SPAN2

BT