

NNNN

HNXX CYXX 052150Z  
NEUTRN  
72722 20305 32150  
11111 21111 00832 99999

NNNN

KBOU

HFUS BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 65 ISSUED 2200Z 05 MARCH 1972

X EVENT OCCURS.

A. REGION 086/S07E25/ HAS BEEN THE SOLE CENTER OF SOLAR ACTIVITY THE PAST 24 HOURS. AT 0812Z THIS REGION PRODUCED AN X EVENT AND SINCE THEN 3 M EVENTS. THE X EVENT HAD A MAX X-RAY /1-8 A/ FLUX OF  $3.8 \times 10^{-1}$  AT 0817Z WITH A HALF POWER FLUX OF  $1.8 \times 10^{-1}$  AT 0819Z. ALL OTHER REGIONS ARE STABLE OR DECLINING. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 24 HOURS.

B. ONE TO FOUR M EVENTS EXPECTED FROM 086 IN THE NEXT 24 HOURS. REGION 086 STILL RETAINS THE POTENTIAL FOR ANOTHER X EVENT. THE GEOMAGNETIC FIELD WILL REMAIN QUIET THE NEXT 24 HOURS.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 06 MAR/0000Z ENDING 08 MAR/2400Z.

CLASS M OR GREATER 85/30/30

CLASS X 10/5/5

PROTON EVENT 10/5/5

D. OTTAWA 10.7 CM FLUXES FOR 05 MAR/1400Z 1700Z AND 2000Z WERE 144, 143 AND 142. PREDICTED 10.7 CM FLUXES FOR 06-08 MAR ARE 140/140/140.

E. MAGNETIC A-FREDERICKSBURG FOR 04 MAR WAS 03. FOR 05 MAR ABOUT 01. PREDICTED AP FOR 06-08 MAR ARE 04/06/03.

SOLTERWARN

SPAN

BT