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HFUS BOU 282240

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 332 ISSUED 2200Z 28 NOVEMBER 1971

ABOUT ONE CLASS C EVENT PER HOUR SHOULD CHARACTERIZE FLARE FRE-
QUENCY AND ENERGETICS DURING THE NEXT 24 HOURS.

A. THE MOST ACTIVE DISK FEATURE HAS BEEN THE DECAYING D TYPE
GROUP CENTERED NEAR N14W14. A SUB BRIGHT FLARE OF M1 X-RAY ENERGY
OUTPUT WAS OBSERVED THERE TODAY BEGINNING 1141Z. THIS 27 MINUTE
EVENT APPARENTLY MARKS AN UPPER LIMIT ON FLARE ACTIVITY UP
TO MESSAGE TIME. WITHIN THE SCATTERED FRAGMENTS OF REGION 354
/S16W06/ A NUMBER OF SPOTS IN THE LEADING PORTION HAVE COALESCED
WHILE AT THE SAME TIME THE MIXTURE OF MAGNETIC FIELD POLARITIES
APPARENT YESTERDAY HAS VANISHED. NO NEW SPOT GROUPS ARE IN
EVIDENCE ACROSS THE DISK. MOREOVER, BOTH THE HIGH LATITUDE AND
LOCAL MAGNETOMETER TRACES ARE REFLECTING NEAR QUIET DAY CURVES.

B. A WELL DEFINED KINK IN THE NEUTRAL LINE OF REGION 355 */N14W14/*
SUGGESTS THAT THIS SITE WILL BE THE CENTER OF ACTIVITY FOR THE
NEXT 24 HOURS. EVENTS OCCURRING WITHIN THE FORECAST PERIOD
ARE NOT EXPECTED TO EXCEED A PEAK 1-8A FLUX OF 3×10^{-2} ERGS/CM²/SEC.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS
BEGINNING 29 NOV/0000Z ENDING 01 DEC/2400Z.

CLASS M OR GREATER 80/60/80

CLASS X 20/15/20

PROTON EVENT 10/12/15

D. OTTAWA 10.7 CM FLUXES FOR 28/1400Z, 1700Z AND 2000Z WERE
131, 132 AND 132. PREDICTED 10.7 CM FLUXES FOR 29 NOV-01 DEC
ARE 131/128/129.

E. MAGNETIC A-FREDERICKSBURG FOR 27 NOV WAS 05. FOR 28 NOV
ABOUT 09. PREDICTED AP FOR 29 NOV-01 DEC ARE 12/18/09.

SOLTERWARN

SPAN

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