

NNNN

KBOU

HFUS BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 348 ISSUED 2200Z 14 DECEMBER 1971

AN ISOLATED M EVENT IS POSSIBLE WITHIN THE NEXT 24 HOURS

FROM EITHER OR BOTH OF THE REGIONS NUMBERED 371 AND 376.

A. AN M1 FLARE /OPTICAL IMPORTANCE IN/ REPRESENTS THE MOST ENERGETIC EVENT REPORTED TODAY. ITS PARTICULARS AS OBSERVED BY THE CANARY ISLAND SITE WERE THE FOLLOWING CLN ONSET 14/0910Z, MAXIMUM 0911Z, POSITION N09E20 /REGION 371/, AND DURATION ABOUT 35 MINUTES. MOREOVER, A DARK SURGE APPEARED NEAR THE WESTERN SIDE OF THE LARGE TRAILER AT 0925Z. THE BI-POLAR REGION, NAMELY 371, IS CURRENTLY THE MOST ACTIVE OF THE FIVE DISK FEATURES. IT ALONG WITH REGION 376 /N18E23/ ARE THE LARTEST GROUPS - ONES WITH NEARLY HORIZONTAL NEUTRAL LINES, ABOUT 8 DEGREES LONGITUDINAL SPREAD, AND THE MOST INTENSE BRIGHTNESS CONTOURS AT 284A, 8.6 MM, AND 9.1 CM. ALONG THE LIMB A COMBINATION SURGE/SPRAY WAS REPORTED BY CARNARVON NEAR A S23E90 POSITION. THIS FAINT ERUPTION BEGAN AT 14/0925Z AND ATTAINED A MAXIMUM RADIAL EXTENT OF APPROXIMATELY 0.4 SOLAR RADIUS. DURING THE DAY BOTH HIGH AND LOW LATITUDE GEOMAGNETIC TRACES HAVE REFLECTED NEAR QUIET DAY RESPONSES.

B. NO MORE THAN TWO LOW LEVEL M EVENTS ARE EXPECTED TO OCCUR WITHIN THE FORECAST PERIOD. QUIET GEOMAGNETIC CONDITIONS SHOULD ALSO PREVAIL.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 15 DEC/0000Z ENDING 17 DEC /2400Z.

CLASS M OR GREATER 50/40/40

CLASS X 05/05/02

PROTON EVENT 05/05/02

D. OTTAWA 10.7 CM FLUXES FOR 14/1400Z 1700Z AND 2000Z

WERE 121, 124 AND 124. PREDICTED 10.7 CM FLUXES FOR 15-17 DECEMBER ARE 119/120/125.

E. MAGNETIC A-FREDERICKSBURG FOR 13 DECEMBER WAS 11. FOR 14 DECEMBER ABOUT 02. PREDICTED AP FOR 15-17 DECEMBER ARE 06/05/03.

SOLTERWARN

SPAN

BT