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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 1N/ 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 APP-
ROXIMATELY 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

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