

KBOU

HFUS BOU 152200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 015 ISSUED 2200Z 15 JANUARY 1972

A. POOR SEEING CONDITIONS HAVE LIMITED ANALYSIS OF SOLAR FEATURES. REGION 015 /S16E62/ APPEARS TO BE A SIMPLE BIPOLE WITH THE NEUTRAL LINE CLOSE TO THE TRAILER. REGION 014 /S12E49/ REMAINS A SMALL SIMPLE BIPOLE BUT MAY INTERACT WITH 015. A PROMINENCE ERUPTED /S16E90/ STARTING NEAR 1600Z. BY 1638Z IT FORMED A LARGE ARCH STRUCTURE EXTENDING 10 DEG NORTHWARD. A FLARE AT S12E70 /015/ BEGAN AT 1809Z, REACHING MAX AT 1820Z AS A SB. THE FLARE WAS A 1N ON SECONDARY MAX AT 1832Z, REMAINING IN PROGRESS AT 1915Z. CENTIMETER BURSTS WERE OBSERVED FROM 1756Z TO 1850Z, WITH MAXIMUM OF 51 FLUX UNITS AT 1819Z ON 2695 MHZ. A WEAK DECAMETRIC RESPONSE WAS OBSERVED FROM APPROXIMATELY 1830-1855Z. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED.

B. CLASS M FLARES ARE EXPECTED FROM REGION 015. THE GEOMAGNETIC FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE FOR THE NEXT 24-36 HOURS AND THEN BECOME UNSETTLED.

C. EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 16 JAN/0000Z ENDING 18 JAN/2400Z.

CLASS M OR GREATER 75/75/75

CLASS X 10/15/15

PROTON EVENT 05/05/10

D. OTTAWA 10.7 CM FLUXES FOR 15/1400Z, 1700Z AND 2000Z WERE 114, 119 AND 128. PREDICTED 10.7 CM FLUXES FOR 16-18 JAN ARE 118/121/124.

E. MAGNETIC A-FREDERICKSBURG FOR 14 JAN WAS 02. FOR 15 JAN ABOUT 11. PREDICTED AP FOR 16-18 JAN ARE 19/11/07.

SOLTERWARN

SPAN

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