

NNNN

KBOU

HFUS BOU 262210

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 086 ISSUED 2200Z 26 MAR 1972

A. ACTIVITY TODAY HAS CONSISTED OF INFREQUENT, NON-ENERGETIC SUBFLARES PRIMARILY FROM REGION 111 /N08W29/. OUT OF FOUR SMALL DISK FEATURES VISIBLE TODAY 111 IS THE MOST COMPLEX WITH AN AREA SLIGHTLY MORE THAN 100 MILLIONTHS AND A LONGITUDE EXTENT OF APPROXIMATELY 11 DEGREES. THIS SLOWLY DECAYING GROUP MAY HAVE MIXED POLARITIES TOO. ALONG THE NW LIMB SURGES HAVE BEEN IN EVIDENCE BETWEEN ABOUT N02 TO N10, MARKING THE PASSAGE OF THE H TYPE SPOT REGION 101. ABOUT 1706Z A SURGE NEAR NW15 WAS NOTED BY A NUMBER OF OBSERVATORIES INCLUDING THE CANARY ISLANDS SITE. IN THE WORDS OF THAT OBSERVER "...IT QUICKLY ROSE TO A NEAR IMPORTANCE 3 SPRAY AND THEN FADED AWAY AT 1745Z". NEITHER SIGNIFICANT IONOSPHERIC NOR RADIO RESPONSE ACCOMPANIED THE EVENT. UNSETTLED CONDITIONS EXIST GEOMAGNETICALLY.

B. NO M FLARE ACTIVITY EXPECTED TOMORROW OR DURING TUESDAY OR WEDNESDAY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27 MAR/0000Z ENDING 29 MAR/2400Z.

CLASS M OR GREATER 30/20/15

CLASS X 02/02/02

PROTON EVENTS 03/04/05

D. OTTAWA 10.7 CM FLUXES FOR 26/1400Z, 26/1700Z AND 26/2000Z WERE 111, 111 AND 110 RESPECTIVELY.

PREDICTED 10.7 CM FLUX FOR 27-29 MARCH IS 110/107/107.

E. MAGNETIC A-FREDERICKSBURG FOR 25 MAR WAS 6. FOR 26 MAR ABOUT 5. PREDICTED AP FOR 27-29 MAR, 3/5/9.

SOLTERWARN

SPAN

BT