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PP KGFF

DE BOU 061715Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 980A ISSUED 1700Z AUGUST 06 1968

A MAJOR FLARE IS POSSIBLE DURING THE NEXT 12 HOURS

A. THE REGION NEAR N13E30 IS THE MOST ACTIVE ON THE DISK. THIS REGION HAS PRODUCED NUMEROUS SUBFLARES THIS MORNING. THE SUBFLARE ORIGINATING FROM THIS REGION AT 1345Z WAS BELIEVED TO BE ASSOCIATED WITH A HIGH XRAY FLUX LEVEL EVENT SHOWING SOFT XRAY SATURATION ON SOLRAD 9 INSTRUMENTATION. THIS REGION APPEARS TO BE ENHANCED IN ALL PARAMETERS. A BROKEN FILAMENT HAS DEVELOPED JUST SOUTH OF THE MAIN PENUMBRAL AREA. THE RAPID INCREASE OF 10.7 CM FLUX SINCE YESTERDAY IS INDICATIVE OF CONTINUOUS DEVELOPMENT WITHIN THIS REGION. THE WEST LIMB REGION NEAR N15 W88 HAS SHOWN MODERATE SUBFLARE ACTIVITY. A SUBFLARE FROM THIS REGION WAS ASSOCIATED WITH A COMPLEX RADIO BURST AND MODERATE ABSORPTION CMMA 4 TO 6 HDB CMMA ON 30 AND 50 MHZ. THE FLARE AND RADIO EVENTS BEGAN AT 1318Z. A BRILLIANT LOOP PROMINENCE NEAR NW16WAS FIRST OBSERVED AT 1357Z AND IS STILL IN PROGRESS AT THIS TIME.

B. FLARES OF IMPORTANCE ONE ARE EXPECTED FROM THE REGION NEAR N13E30 TODAY WITH THE POSSIBILITY OF A MAJOR FLARE FROM THIS REGION INCREASING WITHIN THE NEXT 3 DAYS.

FORECASTS FOR 07-09 AUGUST

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 10/20/30

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY IS 144. PREDICTED 146/148/150.

SOLTERVARN

BT

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DE BCU 062300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 980B ISSUED 2300Z AUG 6 1968

A MAJOR FLARE IS POSSIBLE WITHIN THE NEXT 12HHOURS.

A. THE REGION NOW AT N12E28 HAS BEEN CLASSIFIED BY MT. WILSON AS

HAVING A DELTA MAGNETIC CONFIGURATION. PERUSAL OF PIONEER 7 DATA

REVEALS A CONTINUOUS ENHANCEMENT IN THE 0.6 TO 13 MEV RANGE OF THE

COSMIC RAY DATA. THIS IS A GOOD INDICATION THAT THE ABOVE MENTIONED

REGION IS DEVELOPING INTO A MAJOR FLARE PRODUCER.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 980A.

E. MAGNETIC A-FREDERICKSBURG FOR AUG 5H WAS 14. FOR AUG 6 ABOUT 11.

PREDICTED AP FOR AUG 7-9 10/10/10

BT