

UVV
PP KGFF

DE BOU 050000Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 857B ISSUED 0000Z APR 05 1968
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.
SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF NUMBER 857A.
E. MAGNETIC A-FREDERICKSBURG FOR APR 03 WAS 11. FOR APR 04
ABOUT 08. PREDICTED AP FOR 05-07 UNDER 10/10-15/8-12.

BT

NNNNUV

PP KGFF

- DE BOU 051815Z

THIS IS THE MESSAGE FOR RE FILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 858A ISSUED 1800Z APRIL 5 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. HIGHLIGHTS FOR THE WEEK MARCH 28-APRIL 5 CMMA 1968 CLN

NO MAJOR FLARES OCCURRED DURING THE ABOVE PERIOD. ON MARCH 28 AT 0320Z A POSSIBLE IMPORTANCE 1B FLARE WAS OBSERVED FROM A DECLINING REGION WHICH AT THAT TIME WAS LOCATED NEAR S13W53. ASSOCIATED CENTIMETRIC RADIO NOISE BURSTS WERE STRONG BUT OBSERVED IONOSPHERIC EFFECTS WERE VERY WEAK. THIS REGION PASSED OVER THE WEST LIMB MARCH 30 WITHOUT FURTHER ACTIVITY. TWO ASSOCIATED SPOT GROUPS NOW CENTERED NEAR N16W67 AND N19W72 PRODUCED NUMEROUS SUBFLARES. A POSSIBLE IMPORTANCE 1B FLARE AT 02/0823Z WAS OBSERVED THERE BUT WITH LITTLE OR NO EMISSION AT X-RAY OR RADIO WAVELENGTHS. BOTH REGIONS EVOLVED SLOWLY AND AFTER REACHING A MAXIMUM IN AREA ON MARCH 29 CMMA FORMED A THIRD GROUP. THE PROXIMITY OF THE THREE SPOT GROUPS LENDED SUPPORT TO A POSSIBLE INTERACTION FOLLOWED BY MAJOR FLARE ACTIVITY CMMA BUT INSTEAD THE GROUPS QUIETLY DECLINED. ALTHOUGH THE REGION CURRENTLY LOCATED NEAR S22W49 NEVER DEVELOPED ACTIVITY ABOVE SUBFLARES CMMA A NUMBER OF THESE EVENTS WERE ACCCOMPANIED BY STRONG MICROWAVE RADIO BURSTS. THIS SPOT GROUP REACHED A CLASS/AREA OF APPROXIMATELY D/400 ON MARCH 29 AND HAS REMAINED STABLE. TWO REGIONS AT S20E47 AND N10W19 BEGAN TO DEVELOP ON MARCH 4. THE SPOTS AND THEIR ASSOCIATED PLAGES ARE STILL SMALL BUT ARE CURRENTLY THE BRIGHTEST FEATURES ON THE DISK.

B. FORECAST FOR THE WEEK APRIL 6-12 CM MA 1968 CLN

FLARES AS LARGE AS IMPORTANCE ONE ARE CONSIDERED POSSIBLE FROM THE TWO DEVELOPING REGIONS NEAR S20E47 AND N10W19. NO SIGNIFICANT REGIONS ARE DUE TO RETURN DURING THE WEEK.

C. 28 DAY FORECAST FOR APRIL 6-MAY 3 CMMA 1968 CLN

SOLAR ACTIVITY IS EXPECTED TO BE HIGHER THAN NORMAL DURING THE PERIOD APRIL 20-26.

D. THE DAILY FORECAST FOR APRIL 6-8 AND EXPECTED MEAN FORECAST FOR APRIL 9-12 CMMA 1968

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 2-2-2 /2/

IMPORTANCE THREE OR GREATER 1-1-1 /2/

PROTON EVENTS 1-1-1 /2/

10.7HCM FLUX TODAY 131. PREDICTED 129-128-127 /129/

BT