

UUV

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

NNNNUUUV
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
30H 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 ACCOMPANIED 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
PLACES ARE STILL SMALL BUT ARE CURRENTLY THE BRIGHTEST FEATURES ON
THE DISK.

B. HFORECAST FOR THE WEEK APRIL 6-12 CMMA 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. 28H 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