

NNNNUUUV

PP KGFF

DE BOU 051715Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 888A ISSUED 1700Z MAY 5 1968

NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.

A. IMPORTANCE 1B FLARES WERE OBSERVED AT 0420 AND 0550 UT FROM THE E/300 COMPLEX NOW LOCATED NEAR N21E19. ACCOMPANYING CENTIMETER AND X-RAY WAVELENGTH BURSTS WERE OF ONLY MODERATE STRENGTH. THE SINGLE LARGE PENUMBRAL STRUCTURE FORMING THE TRAILER IN THIS REGION HAS SPLIT INTO TWO SEGMENTS. DURING THE PAST 24 HOURS THE SMALL D-TYPE GROUP NEAR N16E49 HAS GROWN RAPIDLY. ITS HYDROGEN PLAGE APPEARS BRIGHT AND FLUCTUATIONS WERE EVIDENT THERE BETWEEN 1400 AND 1600 UT. NO SIGNIFICANT CHANGES HAVE OCCURRED IN THE LARGE REGIONS CENTERED NEAR N17W53 AND N20E03.

B. THE LULL IN ACTIVITY DURING THE PAST 12 HOURS IS NOT EXPECTED TO CONTINUE. IMPORTANCE 1B FLARES ARE ANTICIPATED FROM THE N21E19 COMPLEX AS WELL AS FROM THE RAPIDLY EVOLVING SPOT GROUP AT N16E49. OPTICAL EVENTS IN THE MAJOR FLARE CATEGORY ARE NOT CONSIDERED LIKELY FROM EITHER OF THESE TWO REGIONS.

FORECASTS FOR MAY 6-8

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 30/10/10

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY 156. PREDICTED 162/163/160.

BT

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DE BOU 052300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 888B ISSUED 2300Z MAY 5 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 888A.

E. H MAGNETIC A-FREDERICKSBURG FOR 4 MAY WAS 06. FOR 5 MAY ABOUT 03.

PREDICTED AP UNDER 10/8-12/UNDER 10.

BT