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DE BOU 171700Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 900A ISSUED 1700Z MAY 17 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. HIGHLIGHTS FOR THE PERIOD MAY 9-17 CMMA 1968 CLN

NO MAJOR FLARES OCCURRED. FOUR NEW MODERATE-SIZED REGIONS ROTATED OVER THE EAST LIMB BETWEEN MAY 14 AND 16. THE MOST ACTIVE OF THESE IS NOW LOCATED NEAR S14E76. WHILE THIS D/460 SPOT GROUP WAS AT THE LIMB CMMA TWO IMPORTANCE ONE FLARES WERE OBSERVED THERE MAY 15 BEFORE 1340 AND 1559HUT. NO ASSOCIATED RADIO NOISE BURSTS OR IONOSPHERIC EFFECTS WERE REPORTED. OTHER SIGNIFICANTLY COMPLEX REGIONS ARE LOCATED NEAR N20E79 CMMA N13E76 CMMA AND S31E43. A MINOR 48-HOUR MAGNETIC DISTURBANCE BEGAN MAY 11.

B. FORECAST FOR THE WEEK MAY 18-24 CMMA 1968 CLN

THE SPOT GROUPS LOCATED NEAR S14E76 AND S31E43 ARE EXPECTED TO DEVELOP INTO MAJOR FLARE-PRODUCING CENTERS. LIMB CMMA DISK CMMA AND SPACECRAFT OBSERVATIONS INDICATE THAT THE N13E76 AND N20E79 GROUPS ARE DECLINING. ONLY MINOR FLARES ARE THEREFORE ANTICIPATED FROM EITHER OF THESE REGIONS. A MINOR MAGNETIC DISTURBANCE IS EXPECTED TO BEGIN MAY 21.

C. 28 DAY FORECAST FOR MAY 18-JUNE 14 CMMA 1968 CLN

SOLAR ACTIVITY IS EXPECTED TO BE HIGHER THAN NORMAL DURING THE PERIOD MAY 26-31.

D. THE DAILY FORECAST FOR MAY 18-20 AND EXPECTED MEAN FORECAST FOR MAY 21-24 CMMA 1968 CLN

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 25-25-15 /15/

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

PROTON EVENTS 1-1-1 /1/

10.7 CM FLUX TODAY 165. PREDICTED 165-163-170 /163/

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DE BOU 172300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 900B ISSUED 2300Z MAY 17 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 900A.

E. MAGNETIC A-FREDERICKSBURG FOR MAY 16 WAS 9. FOR MAY 17 ABOUT 15.

PREDICTED AP FOR MAY 18-20 8-12/8-12/8-12.

BT