

UUV
PP KGFF
DE BOU 111720Z
HERE IS THE MSG FOR REFILE
NOTE PASS ALSO TO H E N V - HOUSTON

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 046A ISSUED 1700Z OCTOBER 11 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. HIGHLIGHTS FOR THE PERIOD OCTOBER 03-11, 1968 CLN AN IMPORTANCE 2N EVENT BEGAN AT 03/2341Z NEAR A UNIPOLAR SPOT GROUP THEN AT S15 W49. THIS FLARE LASTED WELL OVER TWO HOURS, PRODUCING STRONG X-RAY FLUXES AT BOTH HARD AND SOFT WAVELENGTHS, MODERATELY INTENSE COMPLEX CM-WAVELENGTH NOISE BURSTS, AND CONTINUUM EMISSION CENTERED APPROXIMATELY ABOUT 7.5M AND NEARLY AN OCTAVE IN WIDTH. A FLUCTUATING DEKAMETRIC CONTINUUM WAS RECORDED THROUGHOUT THE FOLLOWING DAY WITH A FINAL ENHANCEMENT DUE TO ANOTHER 2N FLARE BEGINNING SHORTLY BEFORE 04/2126Z NEAR N19E41. THIS FLARE WAS ACCOMPANIED BY WEAK RADIO AND X-RAY BURSTS. THE SPOT GROUPS FROM WHICH THE 04/2126Z FLARE ORIGINATED REPRESENTED THE MOST ACTIVE LONGITUDES ON THE DISK. DURING THE DISK PASSAGE OF THIS CLUSTER, THE TOTAL SPOT AREA NEVER EXCEEDED 200 MILLIONTHS, AND ALL THE SIGNIFICANT ACTIVITY TOOK PLACE DURING DECLINING STAGES.

B. FORECASTS FOR THE WEEK OCTOBER 12-18, 1968 CLN A REGION NEAR N18E85 APPEARS TO BE MODERATELY ACTIVE AND MAY BE GROWING. ITS SPOT GROUP IS ESTIMATED TO BE D/150 BUT IT IS TOO NEAR THE LIMB FOR ACCURATE MEASUREMENT. THIS REGION MAY BE A POTENTIAL SOURCE FOR MAJOR FLARES AS IS THE STABLE OR SLOWLY DECAYING REGION NEAR S12E24. ONLY MINOR ACTIVITY IS ANTICIPATED FROM THE REMAINING VISIBLE REGIONS.

C. ~~28~~ DAY FORECAST FOR OCTOBER 12-NOVEMBER 8, 1968 CLN SOLAR ACTIVITY SHOULD BECOME ENHANCED THE LAST WEEK OF OCTOBER.

D. DAILY FORECAST FOR OCTOBER 12-14 AND EXPECTED MEAN FORECASTS FOR OCTOBER 15-18, 1968 CLN

DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 10-15-15 /15/

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

PROTON EVENTS 1-1-1 /1/

OTTAWA 10.7 CM FLUX TODAY IS 134. PREDICTED 136-138-140 /142/

BT

NNNNUUUV
PP KGFF
DE BOU 112300Z
THIS IS THE MESSAGE FOR REFILE
NOTE PASS ALSO TO H E N V - HOUSTON

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 046B ISSUED 2300Z OCTOBER 11 1968
ONLY MINOR FLARES EXPECTED DURING THE NEXT 12 HOURS.
SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 046A.
E. MAGNETIC A-FREDERICKSBURG FOR OCT 10 WAS 06. FOR OCT 11 ABOUT 03.
PREDICTED AP FOR OCT 12-14 ALL UNDER 10.
BT

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