

NNNNUV

PP KGFF

DE BOU 191715Z

HERE IS THE MESSAGE FOR REFILE  
ALSO PASS TO H E N V HOUSTON

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 054A ISSUED 1700Z 19 OCTOBER 1968

MAJOR FLARE ARE POSSIBLE DURING THE NEXT 12 HOURS

A. THE N16E50 REGION HAS REMAINED AT NEAR-FLARE BRIGHTNESS.  
CONTINUOUS PLAGE FLUCTUATIONS HAVE PRODUCED IMPORTANCE ONE FLARES  
OR SUBFLARES WITH REGULARITY. THE SPOT STRUCTURE HAS CONTINUED  
TO GROW IMPRESSIVELY IN BOTH NUMBER AND AREA. THE INFERRED  
MAGNETIC STRUCTURE IS STILL DELTA. DECLINING PLAGE BRIGHTNESS  
HAS MARKED A LOWER LEVEL OF ACTIVITY IN THE N20W24 REGION. THE  
SE LIMB REGION HAS FINALLY MADE ITS DISK APPEARANCE AT SE18 AND  
HAS CLASS/AREA OF H/100. SIX NEW REGIONS HAVE FORMED ON THE DISK.  
THE MOST IMPRESSIVE ONE IS AT N16W58. ALTHOUGH IT APPEARS  
INTERESTING CMMA THIS LATTER REGION WILL PROBABLY COMPLETE DISK  
PASSAGE BEFORE PRODUCING MAJOR ACTIVITY.

B. THE N16E50 REGION STILL APPEARS LIKELY TO PRODUCE AT LEAST  
ONE MAJOR FLARE SOMEWHERE NEAR THE PEAK OF ITS GROWTH CYCLE.

FORECASTS FOR 20-22 OCTOBER

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 40/50/30  
IMPORTANCE THREE OR GREATER 10/15/5  
PROTON EVENTS 15/15/15

D. OTTAWA 10.7 CM FLUX TODAY 154. PREDICTED 160/165/170.

SOLTERWARN

BT

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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 054B ISSUED 2300Z 19 OCTOBER 1968  
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.  
SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 054A.  
E. MAGNET A-FREDERICKSBURG FOR 18 OCT WAS 06. FOR 19 OCT ABOUT 03.  
PREDICTED AP FOR 20-22 OCTOBER UNDER 10/10-15/10-15.  
BT

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