

NNNNUV

PP KGFF

DE BOU 141715Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 957A ISSUED 1700Z JULY 14 1968

MAJOR FLARE ARE NOT EXPECTED DURING THE NEXT 12 HOURS

A. NO SIGNIFICANT OPTICAL EVENTS HAVE OCCURRED DURING THE PAST  
18 HOURS. MANY ~~OBSERVATIONS~~ HAVE BEEN SUBJECT TO OVERCAST SKIES  
CMMA BOULDER INCLUDED. BRIEF OBSERVATIONS THROUGH BREAKS  
IN THE CLOUDS HAVE SHOWN THAT THE GREATEST CHANGE IN ANY OF THE  
REGIONS ON THE DISK HAS TAKEN PLACE WITHIN THE LEADING PORTION  
OF THE N12 W23 SPOT GROUP. THERE THE TWO LARGEST UMBRAE HAVE  
FURTHER SEPARATED WHILE WITHIN THE FOLOWING PORTION SOME GROWTH  
IN PENUMBRAL STRUCTURE IS EVIDENT. IN MONOCHROMATIC LIGHT TWO  
WELL DEFINED FILAMENTS APPEAR PARTIALLY EMBEDDED IN THE CALCIUM  
~~FLOCCULUS~~ THE PLAGE ITSELF CMMA HOWEVER CMMA IS NOT BRIGHT AND  
IS DIFFUSE IN OUTLINE.

B. MAJOR ACTIVITY IS NOT EXPECTED FROM THE N12 W23 REGION.  
FLARES ONLY AS LARGE AS IMPORTANCE ONE ARE LIKELY FROM ANY  
GROUP CURRENTLY ON THE DISK.

FORECASTS FOR 15-17 JULY

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTNACE TWO OR GREATER 15/20/10  
IMPORTANCE THREE OR GREATER 1/1/1  
PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY 151. PREDICTED 148/145/142.

SOLTERWARN

BT

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PP KGFF  
DE BOU 142300Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 957B ISSUED 2300Z JULY 14 1968  
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.  
SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 957A.  
E. MAGNETIC A-FREDERICKSBURG FOR 13 JULY WAS 16. FOR 14 JULY ABOUT  
14. PREDICTED AP 8-12/8-12/UNDER 10.

BT