

NNNNUUUV
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~~ ^{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 FOLLOWING 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
IMPORTANCE 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

NNNNUUU
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