

NNNNUUUV
PP KGFF
DE BOU 191715Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 993A ISSUED 1700Z AUGUST 19 1968

NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS

A. ONLY SUBFLARE ACTIVITY HAS BEEN REPORTED THIS MORNING. THE REGION NEAR S14 W21 HAS SHOWN A SLIGHT DECLINE IN TOTAL AREA. THERE IS A BRIGHT STRIP OF PLAGE ASSOCIATED WITH THE SCATTERED SPOTS BEHIND THE LARGE LEADING SPOT. THIS IS CONSIDERED TO BE THE AREA MOST LIKELY TO DEVELOP INTO A MAJOR FLARE PRODUCING REGION. THE REGION NEAR S12 W03 HAS SHOWN A SLIGHT INCREASE AS A RESULT OF PENUMBRA DEVELOPING AROUND THE CENTRAL INTERMEDIATE SPOTS. THE NEUTRAL LINE THREADS THROUGH THE CENTRAL REGION OF THIS GROUP WITH HIGH INCLINATION NEAR THE NORTH AND SOUTH BOUNDARIES OF THE ASSOCIATED PLAGE. MAJOR FLARE POTENTIAL IS MOST LIKELY TO DEVELOP TO THE EAST OF THE ABOVE DESCRIBED NEUTRAL LINE. THE DEKAMETRIC CONTINUUM FIRST OBSERVED 16/1125Z CONTINUES WITH A SLIGHT INCREASE IN INTENSITY TODAY. NEAR SATURATION ENHANCEMENTS HAVE BEEN REPORTED AT 19 CMMA 30 AND 184 MHZ. THE GEOMAGNET FIELD REMAINS SLIGHTLY DISTURBED.

B. THE TWO LARGE REGIONS IN THE SW ARE THE MOST PROMISING SOURCES FOR AN ISOLATED MAJOR FLARE BUT SUCH A FLARE IS NOT CONSIDERED PROBABLE FOR AT LEAST ANOTHER 24 HOURS.

FORECASTS FOR 20-22 AUG

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

D. OTTAWA 10.7 CM FLUX TODAY 156. PREDICTED 153/152/151.

SOLTERWARN

BT

NNNNUV
PP KGFF
DE BOU 192300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 993B ISSUED 2300Z AUG 19 1968

NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.

A. THE DECAMETRIC CONTINUUM CONTINUES BETWEEN 18-41 MHZ AS
CONFIRMED BY THE BOULDER INTERFEROMETER. RADIO NOISE CONTINUES
AT 184 MHZ. THIS TYPE OF ACTIVITY TENDS TO ASSOCIATE WITH THE
CENTRAL MERIDIAN PASSAGE OF AN ACTIVE CENTER WHICH CORRESPONDS
TO THE REGION NOW AT S15W23 AND WITH REGION AT S11E00.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 993A.

E. MAGNETIC A-FREDERICKSBURG FOR AUG 18 WAS 16. FOR AUG 19 ABOUT 15.
PREDICTED AP 13-18/10-12/UNDER 10.

BT

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