

NNNNUV
PP KGFF
DE BOU 201715Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 994A ISSUED 1700Z AUGUST 20 1968

NO MAJOR ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS

A. ONLY SUBFLARE ACTIVITY HAS BEEN REPORTED THIS MORNING. THE MOST ACTIVE REGION /S15 W32/ HAS DEVELOPED SEVERAL NEW SPOTS SOUTHWEST OF THE LEADER SPOT. THE AREA OF THIS NEW SPOT DEVELOPMENT HAS BEEN THE SOURCE OF MOST OF THE SUBFLARE ACTIVITY LATER THIS MORNING. THE REGION NEAR S11 W08 HAS INCREASED IN SUNSPOT AREA BUT IS OTHERWISE INACTIVE. THE RETURNING REGION NOW AT 14NE HAS TWO SMALL TYPE A SPOTS. THE NEW PLAGE NEAR S20 E53 IS GROWING IN H-ALPHA AND SPOT COUNT. THE REGION NOW HAS CLASS/AREA B/20. THE NOISE STORM HAS SUBSIDED WITH A VERY WEAK DEKAMETRIC CONTINUUM /25-35 MHZ/ SHOWN BY THE BOULDER INTERFEROMETER. RADIO NOISE AT 184 MHZ PERSISTS BUT AT A REDUCED LEVEL.

B. THE TWO LARGE REGIONS IN THE SW ARE THE MOST PROMISING SOURCE FOR MAJOR FLARE PRODUCTION. A MAJOR FLARE IS NOT CONSIDERED PROBABLE FROM THESE REGIONS FOR AT LEAST ANOTHER 24 HOURS.

FORECASTS FOR 21-23 AUG

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

D. OTTAWA 10.7 CM FLUX TODAY 156. PREDICTED 151/147/143.
SOLTERWARN

BT

UUU

PP KGFF

DE BOU 202300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 994B ISSUED 2300Z AUG 20 1968

MAJOR FLARE ACTIVITY IS POSSIBLE BUT NOT PROBABLE DURING THE NEXT 12 HOURS.

A. THE REGION NOW NEAR S15W38 HAS BEEN MAGNETICALLY CLASSIFIED BY MCMATH-HULBERT AS BIPOLAR. OPTICAL ANALYSIS OF THIS REGION BY BOULDER PERSONNEL INDICATES THAT IT MAY CONTAIN A DELTA CONFIGURATION. THE NOISE STORM PERSISTS AT A REDUCED LEVEL.

SECTIONS B AND D REMAIN UNCHANGED FROM SDF NUMBER 994A.

C. IMPORTANCE TWO OR GREATER 25-25-25.

E. MAGNETIC A-FREDERICKSBURG FOR AUG 19 WAS 11. FOR AUG 20 ABOUT 12. PREDICTED AP 12/12/10.

BT