

NNNUV

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

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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 CONFIGURA-  
TION. 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