

UUUV  
PP KGFF  
DE BOU 1:1720Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 924A ISSUED 1700Z JUNE 11 1968

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. TWO IMPORTANCE ONE BRIGHT FLARES AT 0311Z AND 1218Z AND  
A POSSIBLE IMPORTANCE TWO BRIGHT AT 0935Z HAVE BEEN OBSERVED  
IN THE RAPIDLY GROWING REGION AT S15E28. ALL OF THESE FLARES  
WERE ACCOMPANIED BY STRONG IONOSPHERIC EFFECTS AND MODERATE  
RADIO EMISSION. THE SPOT GROUP THERE HAS GROWN TO CLASS/AREA  
D/640 AND APPEARS TO BE MAGNETICALLY COMPLEX. THE PLAGE HAS  
ALSO GROWN SIGNIFICANTLY AND IS COMPACT BRIGHT AND ELUCTUATING.  
ANOTHER IMPORTANCE ONE FLARE AT 1042Z AT N09E41 WAS ACCOMPANIED  
BY ONLY MINOR RADIO EMISSION. THIS REGION IS UNCHANGED FROM  
YESTERDAY. NO SIGNIFICANT CHANGES OR ACTIVITY HAVE BEEN REPORTED  
IN ANY OF THE OTHER REGIONS. A MAJOR MAGNETIC STORM BEGAN  
10/2158Z WITH A SUDDEN COMMENCEMENT. IT IS EXPECTED TO CONTINUE  
FOR 24-48 HOURS. THE PROTON EVENT IS STILL IN PROGRESS BUT  
DECLINING.

B. MAJOR FLARES ARE EXPECTED FROM THE S15E28 REGION AND ARE  
STILL POSSIBLE FROM THE STABLE S13W36 REGION.

FORECASTS FOR JUNE 12-14

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 60/60/60

IMPORTANCE THREE OR GREATER 15/15/15

PROTON EVENTS 100/80/60

D. OTTAWA 10.7 CM FLUX TODAY IS 146. PREDICTED 148/150/150.

BT

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PP KGFF

DE BOU 112310Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 924B ISSUED 2300Z JUNE 11 1968

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS.

A. THE DEVELOPMENT OF THE SOLAR REGION NEAR S15E24 HAS STABILIZED SINCE SDF NUMBER 924A AND ONLY SUBFLARES HAVE BEEN NOTED SINCE THEN. THE INFERRED MAGNETIC COMPLEXITY OF THIS REGION HAS BEEN CONFIRMED AND IT IS REPORTED AS A WEAK DELTA. THERE ARE INDICATIONS OF INCREASED ACTIVITY IN THE REGIONS LOCATED NEAR S13W40 AND N17E03. THE PROTON EVENT IS STRONGLY DIMINISHED OR OVER.

B. MAJOR FLARES ARE POSSIBLE FROM EACH OF THE ABOVE REGIONS BUT ARE NOT LIKELY WITHIN THE NEXT 12 HOURS. FLARE PRODUCTION SHOULD INCREASE FROM THE S15E24 REGION IN 12-24 HOURS. THE MAGNETIC STORM HAS DIMINISHED IN INTENSITY BUT THERE IS SOME EVIDENCE OF ADDITIONAL DISTURBANCE TO BEGIN WITHIN THE NEXT 12 HOURS.

C. THE ~~LEAST~~ <sup>PERCENT</sup> PROBABILITIES FOR FLARES AND PROTON EVENTS IMPORTANCE TWO OR GREATER 40/40/30

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 10/5/5

D. OTTAWA 10.7 CM FLUX TODAY IS 146. PREDICTED 144/146/146

E. MAGNETIC A-FREDERICKSBURG FOR JUNE 10 WAS 25. FOR JUNE 11 IT WILL BE ABOUT 83. PREDICTED AP FOR JUNE 12-14 30-40/15-20/10-15

BT