

KMSP PP RGPF  
DE BOU 261700Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 365A ISSUED 1700Z 26 AUG 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 6 HOUR PERIOD.

A. THE SPOT GROUP ASSOCIATED WITH THE N13E19 REGION CONTINUES TO CHANGE SLOWLY. THE REGION REMAINS MAGNETICALLY COMPLEX, BUT CHANGES THE PAST 18 HOURS HAVE APPARENTLY WEAKENED THE DELTA CONFIGURATION AND DECREASED FIELD GRADIENTS WITHIN THE REGION OF COMPLEXITY. THE NEUTRAL LINE NOW CROWDS THE MAIN UMBRA OF THE FOLLOWING SPOTS SO THAT HIGH FIELD GRADIENTS STILL EXIST WITHIN THE REGION. AN IMP ONE NORMAL CLASS C FLARE OCCURRED IN THIS REGION AT 26/0423Z. TWO FAIRLY LARGE AND SEVERAL SMALL INDIVIDUAL SPOTS ARE NOW VISIBLE BETWEEN N03-10 AND E64-80 IN AN AREA OF DIFFUSE PLAGE. AS YET IT IS DIFFICULT TO DETERMINE HOW MANY SEPARATE REGIONS ARE INVOLVED. LIMB ACTIVITY INDICATES THAT THE COMPLEX HAS NOT YET CLEARED THE LIMB. AN IMP SUB NORMAL FLARE AT 26/1000Z NEAR N05E75 WAS CLASS M BASED ON THE ASSOCIATED RADIO BURST. AN IMP ONE NORMAL FLARE IN THE SAME REGION AT 26/1417Z WAS APPARENTLY CLASS C. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. CLASS M FLARES ARE EXPECTED FROM THE N13E19 REGION. FURTHER CLASS M ACTIVITY FROM THE REGION NEAR N04E78 IS POSSIBLE. CLASS X ACTIVITY IS ALSO POSSIBLE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 26/1700Z ENDING 29/1700Z.

CLASS M OR GREATER 90/90/90

CLASS X 30/30/30

PROTON EVENTS 20/15/10

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 155. PREDICTED 160/165/170.

F. KP ESTIMATED FOR 1200-1500Z WAS 3. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3 3/3/3/3/3/2/2/3.

SOLTERWARN

BT

KMSC PP KGFF  
DE BOU 262300Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 365B ISSUED 2300Z 26 AUG 1969

CLASS M FLAKES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. ACTIVITY THE PAST 6 HOURS HAS BEEN CONFINED TO THE REGION NEAR  
N04E75. A SUBNORMAL FLARE IN THIS REGION AT 26/1937Z IS TENTATIVELY  
CLASSIFIED AS M. THIS REGION HAS SHOWN DEVELOPMENT ON THE LEADING  
EDGE. THE N12E19 REGION HAS SHOWN UMBRAL DEVELOPMENT IN THE VICINITY  
OF MAGNETIC COMPLEXITY, BUT IT HAS BEEN INACTIVE. THE GEOMAGNETIC  
FIELD IS SLIGHTLY DISTURBED.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 365A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 158. PREDICTED 160/165/170.

E. MAGNETIC A-FREDERICKSBURG FOR 25 AUG WAS 03. FOR 26 AUG ABOUT 12.  
PREDICTED AP FOR 27-29 AUG 12/10/10.

BT

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