

KMSC  
PP KGFF  
DE BOU 051715Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 344A ISSUED 1700Z 05 AUGUST 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT SIX HOURS

A. A NEW SPOT REGION IS APPARENT AT S16E01, IN PROXIMITY TO THE OLDER REGION AT S11W01. SOME REGENERATION IN WHITE LIGHT IS APPARENT IN THE TRAILING PORTION OF THE REGION AT S07W60. ALTHOUGH ONLY CLASS C FLARES HAVE BEEN REPORTED IN THE LAST 18 HOURS, MINOR FLARE ACTIVITY HAS BEEN DISPLAYING MORE EXPLOSIVE CHARACTER IN THE LAST SEVERAL HOURS, AS EVIDENCED BY DEKAMETRIC TYPE III'S AND IMPULSIVE X-RAY BURSTS. SOME ACTIVITY IS APPARENT ON EAST LIMB, WHERE SUSPENDED CLOUDS HAVE BEEN SEEN AT NE20 AND SE12. THE FORMER SEEMS ASSOCIATED WITH A RETURNING REGION, WHILE THE LATTER IS NEW. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. CLASS M ACTIVITY IS EXPECTED FROM S07W60 REGION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 05 AUG/1700Z ENDING 07 AUG/1700Z.

CLASS M OR GREATER 80/80/80

CLASS X 10/12/15

PROTON EVENTS 10/12/15

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 182.

E. N/A.

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

SOLTERWARN

BT

NNNN2304

NNNN

KMSC

PP KGFF

DE BOU 052310Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 344B ISSUED 2300Z 05 AUGUST 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 18 HOURS.

A. RECONNECTION OF PENUMBRA IN THE NORTHERN EDGE OF THE TRAILING PORTION OF THE S07W65 REGION INDICATES CONTINUING MAGNETIC COMPLEXITY. NEW SPOT GROUPS ARE NOW APPARENT BOTH TO THE SOUTH AND EAST OF THE OLDER REGION AT S11W06, AND FURTHER INTEREST RESULTS FROM MOUNT WILSON OBSERVATION OF REVERSE POLARITY SPOT JUST SOUTH OF THE LARGE TRAILER. THERE IS A DARK FILAMENT WITH A CENTRAL BRIGHT POINT WHICH MAY BE THE H-ALPHA FEATURE CORRESPONDING TO THE REVERSE POLARITY SPOT. A NEW SPOT IS APPARENT AT N18E88, WHERE A SUSPENDED CLOUD WAS APPARENT YESTERDAY. THE GEOMAGNETIC FIELD IS DISTURBED.

B. CLASS M FLARES ARE EXPECTED FROM S07W65 AND S11W06 REGIONS.

C. PART C IS UNCHANGED FROM SDF 344A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 182. PREDICTED 175/170/160.

E. MAGNETIC A-FREDERICKSBURG FOR 04AUG WAS 13. OFOR 05 AUG ABOUT 12. PREDICTED AP FOR 06-06AUG, 10/08/05.

SOLTERWARN

BT