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PP KGFF  
DE BOU 041705Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 312A ISSUED 1700Z 04 JULY 1969

CLASS M FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. ONLY CLASS C ACTIVITY HAS BEEN OBSERVED DURING THE PAST  
18 HOURS. IMP ONE NORMAL FLARES OCCURRED AT 04/0000Z IN REGION  
NOW NEAR S13E27 AND AT 04/1152Z IN REGION NEAR N09E65. SLOW  
SPOT DEVELOPMENT HAS OCCURRED IN THE TRAILING PORTION OF THE  
LARGE REGION NEAR S15E35 AND THE REGION MAY HAVE BECOME MORE  
COMPLEX MAGNETICALLY. A FILAMENT ASSOCIATED WITH THIS REGION HAS  
BEEN INACTIVE. MINOR SPOT GROWTH AND REORIENTATION HAVE OCCURRED  
IN REGIONS NEAR S10W44/S10 AND S18W53. OTHER REGIONS APPEAR STABLE.  
THE GEOMAGNETIC FIELD REMAINS QUIET.

B. CLASS M FLARES ARE POSSIBLE FROM THE S10W44/S10W50 AND S15E35  
REGIONS DURING THE NEXT 3 DAYS, BUT SUCH FLARES ARE EXPECTED TO  
BE RELATIVELY INFREQUENT.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR  
PERIODS BEGINNING 04 JULY/1700Z ENDING 07/1700Z.

CLASS M OR GREATER 50/40/40

CLASS X 20/15/15

PROTON EVENTS 20/15/15

D. OTTAWA 10.7 CM FLUX AT 1400Z TODAY IS 162. PREDICTED 165/165/160.

E. N/A

F. KP ESTIMATED FOR 1200-1500Z WAS 0. KP FORECAST FOR NEXT 24  
HOURS PER KP 15.3; 1/1/1/1/1/1/1.

SOLTERWARN

BT

NNNNU  
VPP KGFF  
DE BOU 042300Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 312B ISSUED 2300Z 04 JULY 1969  
CLASS M FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS.  
SECTIONS A B AND C REMAIN UNCHANGED FROM SDF 312A.  
D. OTTAWA 10.7 CM 1700Z FLUX TODAY IS 164. PREDICTED 165/165/160.  
E. MAGNETIC A-FREDERICKSBURG FOR 03 JULY WAS 02. FOR 04 JULY ABOUT  
04. PREDICTED AP FOR 5-7 JULY ALL UNDER 10.  
BT