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VPP KGFF  
DE BOU 021715Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 310A ISSUED 1700Z 02 JULY 1969  
ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 6 HOURS  
A. ONLY CLASS C FLARES HAVE BEEN OBSERVED SINCE SDF 309B.  
FLARE ACTIVITY, WHITE LIGHT, AND H-ALPHA OBSERVATIONS ARE  
LESS IMPRESSIVE TODAY THAN 24 HOURS AGO. THE LARGE REGION  
AT S15E61 HAS CHANGED LITTLE IN WHITE LIGHT. HOWEVER, IN  
H-ALPHA THE PLAGE JUST WEST OF THE UMBRA IS CONSIDERABLY  
BRIGHTER AND CONTAINS A WELL-DEFINED FILAMENT. THE ONLY  
OTHER SIGNIFICANT CHANGE IS CONSIDERABLE SPOT GROWTH IN THE REGION  
AT S09W17. A BRIGHT MOUND WAS OBSERVED IN H-ALPHA AT N17-21EL.  
THE GEOMAGNETIC FIELD IS QUIET.  
B. AN OCCASIONAL CLASS M FLARE IS POSSIBLE FROM THE ONLY  
SIGNIFICANT THREAT ON THE DISK, NAMELY, THE S15E61 REGION.  
THE RETURNING REGION AT N17 SHOULD BE ON THE DISK WITHIN  
24 HOURS.  
C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE  
24 HOUR PERIODS BEGINNING 02/1700Z ENDING 05/1700Z.  
CLASS M OR GREATER 50/50/50  
CLASS X 20/20/20  
PROTON EVENTS 20/20/20  
D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 154. PREDICTED 165/175/180.  
E. N/A.  
F. KP ESTIMATED FOR 1200-1500Z WAS 1. KP FORECAST FOR NEXT  
24 HOUR PER KP 15.3; 2/2/2/2/2/1/1/1.  
SOLTERWARN  
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HERE IS THE MSG FOR REFILE

7/26/69

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 310B ISSUED 2300Z 2 JULY 1969

CLASS C FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. FLARE ACTIVITY HAS BEEN VERY LOW THE PAST 6 HOURS. A  
NEW SPOT GROUP CONSISTING OF 3 SMALL SPOTS IS LOCATED AT  
S16W07. THE FILAMENT SE OF THE LARGE SPOT AT S15E56 HAS  
BECOME MORE DIFFUSE AND NOT ACTIVE IN THE WINGS. MORE  
PLAGE HAS FILLED IN AROUND THE SLOWLY GROWING GROUP AT  
S18W30.

PARTS B, C, AND D REMAIN UNCHANGED

E. MAGNETIC A-FREDERICKSBURG FOR 01 JULY WAS 13. FOR 02 JULY  
ABOUT 08 PREDICTED AP FOR 3-5 JULY, 10/20/15.

SOLTERWARN

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