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VPP KGFF  
DE BOU 111700Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 319A ISSUED 1700Z 11 JULY 1969  
ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 6 HOURS  
A. HIGHLIGHTS FOR THE PRIOD 02 JULY 10 JULY 1969  
ONLY THREE SIGNIFICANT EVENTS OCCURRED DURING THE PERIOD.  
ON 03 JULY AT 1510Z A RAPIDLY GROWING REGION THEN NEAR  
S10W31 /L172/ PRODUCED A SMALL CLASS X EVENT /OPTICAL IMP 1B/.  
SHORTLY AFTERWARDS THIS REGION BEGAN TO DECAY, AND IT PRODUCED  
ONLY MINOR ACTIVITY UNTIL COMPLETING ITS DISK TRANSIT ON  
06 JULY. AT 05/1223Z A SMALL CLASS M FLARE /OPTICAL IMP 1B/  
OCCURRED IN AN AREA OF INTERACTION BETWEEN A SMALL REGION THEN  
NEAR S13E14 /L102/ AND A LARGE REGION THEN NEAR S15E23 /L094/.  
MINOR ACTIVITY CONTINUED IN THIS AREA OF INTERACTION UNTIL  
THE S13L102 REGION DECAYED COMPLETELY ON 08-09 JULY. AN IMP  
1B FLARE AT 07/0537Z IN THE S15L094 REGION IS CLASSIFIED AS M  
ON THE BASIS OF THE ASSOCIATED 10 CM RADIO BURST; THE ASSOCIATED  
X-RAY BURST WAS MINOR. THIS REGION, LOCATED NEAR S15W43 /L094/  
AS OF 10/1900Z, IS PRESENTLY THE ONLY IMPRESSIVE FEATURE ON THE  
DISK. IN THE NORTHERN HEMISPHERE ONLY SPORADIC CLASS C SUBFLARES  
WERE OBSERVED AND ONLY SMALL AND UNIMPRESSIVE REGIONS ARE  
CURRENTLY LOCATED IN THE PREVIOUSLY ACTIVE LONGITUDE BELD  
CENTERED AROUND L060. THE GEOMAGNETIC FIELD WAS QUIET THROUGHOUT  
THE PERIOD.

B. FORECAST FOR THE PERIOD 11-18 JULY 1969  
SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL. SPORADIC  
CLASS M FLARES ARE POSSIBLE FROM THE S15L094 REGION UNTIL IT  
COMPLETES WEST LIME PASSAGE ON 14 JULY. NO SIGNIFICANT RETURNING  
REGIONS ARE EXPECTED.

28-DAY FORECAST FOR 11 JULY-08 AUGUST 1969  
ACTIVITY IS EXPECTED TO BE BELOW NORMAL. ANY PERIODS OF ENHANCED  
ACTIVITY WILL RESULT FROM THE DEVELOPMENT OF NEW REGIONS OR  
GROWTH OF CURRENTLY MINOR REGIONS. THE MOST LIKELY PERIOD  
FOR ENHANCED ACTIVITY APPEARS TO BE 28 JULY -08 AUGUST.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24  
HOUR PERIOD BEGINNING 11/1700Z ENDING 14/1700Z.

CLASS M OR GREATER 40/30/30

CLASS X 10/5/5

PROTON EVENTS 10/5/5

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 153. PREDICTED 155/150/145.

E. N/A.

F. KP ESTIMATED FOR 1200-1500Z WAS 1. KP FORECAST FOR NEXT 24  
HOURS PER KP 15.3; 2/2/2/2/2/1/1/1.

SOLTERWARN

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HAXX ADWS 112300Z

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THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 319B ISSUED 2300Z 11 JULY 1969  
ONLY CLASS C ACTIVITY EXPECTED DURING THE NEXT 18 HOURS.  
A. NO SIGNIFICANT ACTIVITY DURING THE PAST 18 HOURS.  
SECTIONS B AND C REMAIN UNCHANGED FROM SDF 319A.  
D. OTTAWA 10.7 CM FLUX AT 1700Z TODAY WAS 153. PREDICTED  
155/150/145.  
E. MAGNETIC A-FREDERICKSBURG FOR 10 JULY WAS .07. FOR 11 JULY  
ABOUT .08. PREDICTED AP FOR 12-14 JULY 10/10/10.

BT