

VKMSC  
PP KGFF  
DE BOU 161705Z  
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 324A ISSUED 1700Z 16 JULY 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 6 HOURS

A. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL WITH ONLY  
A FEW MINOR CLASS C FLARES BEING REPORTED. MINOR SPOT  
GROWTH HAS OCCURRED AT S18W51. THE REGION AT N19W40  
CONTINUES ITS SLOW DECAY. SMALL BRIGHT SURGES HAVE BEEN  
OBSERVED AT N12EL. ALL OTHER REGIONS ARE SMALL AND STABLE.  
THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY SHOULD REMAIN VERY LOW DURING THE NEXT  
3 DAYS WITH ONLY A SLIGHT CHANCE OF A CLASS M EVENT. THE  
RETURNING REGION AT N12EL IS NOT EXPECTED TO BE VERY LARGE  
OR ACTIVE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE  
24 HOUR PERIODS BEGINNING 16/1700Z ENDING 19/1700Z.

CLASS M OR GREATER 20/20/30

CLASS X 1/1/5

PROTON EVENTS 1/1/5

D. OTTAWA 10.7 CM FLUX TODAY AT 1400Z WAS 120. PRECICTED  
115/115/120.

E. N/A.

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

SOLTERWARN

BT

*Lift off  
day's still low  
60-60*

NNNN  
VKMSC PP KGFF  
DE BOU 162300Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 324B ISSUED 2300Z 16 JULY 1969  
ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.  
A. SOLAR ACTIVITY HAS MOMENTARILY INCREASED WITH TWO IMPORTANCE 1N  
FLARES BOTH TENTATIVELY CLASSED AS C EVENTS. THE FIRST OCCURRED AT  
S15W48 AT 16/1813Z AND WAS ACCOMPANIED BY SMALL IONOSPHERIC EFFECTS  
AND X-RAY PRODUCTION. THE SECOND FLARE AT N22W40 FOLLOWED A DIS-  
APPEARING FILAMENT WHICH WAS LAST OBSERVED AT 16/1821Z WITH A SLOW  
RISE TO MAXIMUM AT 16/1905Z. THIS REGION NOW APPEARS INACTIVE AND  
HAS LOST ALL OF ITS FILAMENT STRUCTURE AND APPEARS INCAPABLE OF  
MAJOR FLARE PRODUCTION. A NEW SPOT & PLAGE GROUP IS EVOLVING AT  
N15W25. A SMALL PLAGE AREA HAS ALSO BEEN OBSERVED AT N11EL.  
SECTIONS B AND C REMAIN UNCHANGED FROM SDF324A.  
D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 123.  
E. MAGNETIC A-FREDERICKSBURG FOR 15 JULY WAS 05. FOR 16 JULY ABOUT  
10. PREDICTED AP FOR 17-19 JULY 10/10/10.  
BT

NNNNV