

NNNN
VKMSC
PP KGFF
DE BOU 171705Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 325A ISSUED 1700Z 17 JULY 1969
ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 6 HOURS
A. THE LATEST OBSERVATIONS SHOW THE SOLAR DISK TO BE STABLE
AND INACTIVE. ONLY CLASS C FLARES HAVE BEEN OBSERVED WITH THE
LARGEST AN IMPORTANCE 1 IN AT N16W86 AT 17/0300Z. THIS REGION
SHOWS MODERATELY BRIGHT PLAGE AND FREQUENT SURGE ACTIVITY. THE
NEW RETURNING REGION AT N12E78 IS CLASSIFIED AS AN E-TYPE/220
WITH A BETA MAGNETIC CLASSIFICATION. IN H-ALPHA, RECENT
OBSERVATIONS REVEAL THAT THE PLAGE IS NOT VERY BRIGHT AND IS
NOT VERY LARGE OR WELL-DEFINED CONSIDERING THE FAIRLY LARGE
AND COMPLEX SPOT GROUP. THE REGION AT N21W54 CONTINUES ITS
DECAY IN WHITE LIGHT AND H-ALPHA. NEW, SMALL SPOT GROUPS ARE
LOCATED AT N16W35, S23W03, AND S15E12. ALL OTHER REGIONS ARE
STABLE AND INSIGNIFICANT. THE GEOMAGNETIC FIELD IS QUIET.
B. ALL REGIONS CURRENTLY ON THE DISK DO NOT APPEAR CAPABLE
OF MAJOR FLARE PRODUCTION DURING THE NEXT 48 HOURS. THE
REGION AT N12E78 HAS TO BECOME MORE DYNAMIC IN H-ALPHA BEFORE
SIGNIFICANT M OR X ACTIVITY CAN OCCUR.
C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 17/1700Z ENDING 20/1700Z.
CLASS M OR GREATER 30/30/40
CLASS X 5/5/10
PROTON EVENTS 5/5/10
D. OTTAWA 10.7 CM FLUX AT 1500Z WAS 115. PREDICTED 115/118/122.
E. N/A.
F. KP ESTIMATED FOR 1200-1500Z WAS 2. KP FORECAST FOR NEXT 24
HOURS PER KP 15.3; 2/2/2/2/2/2/2/1.
SOLTERWARN
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VKMSC PP KGFF

DE BOU 172300Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 325B ISSUED 2300Z 17 JULY 1969.

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. SOLAR ACTIVITY HAS BEEN LOW THE PAST 6 HOURS. THE REGION
AT N12E75 REMAINS INACTIVE. A NEW SINGLE SPOT WITH PENUMBRA WAS
OBSERVED AT N25E01. THE GEOMAGNETIC FIELD REMAINS QUIET.

B. PARTS B AND C REMAIN UNCHANGED FROM SDF 325A.

D. OTTAWA 10.7 CM FLUX AT 1700Z TODAY WAS 117.

E. MAGNETIC A-FREDERICKSBURG FOR 16 JULY WAS 11. FOR 17 JULY
ABOUT 05.

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