

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 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/.

SOLTERWARN

BT

NNNN
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.
SOLTERWARN
BT

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