

UU
PP KGFF
DE BOU 041705Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 312A ISSUED 1700Z 04 JULY 1969

CLASS M FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. ONLY CLASS C ACTIVITY HAS BEEN OBSERVED DURING THE PAST
18 HOURS. IMP ONE NORMAL FLARES OCCURRED AT 04/0000Z IN REGION
NOW NEAR S13E27 AND AT 04/1152Z IN REGION NEAR N09E65. SLOW
SPOT DEVELOPMENT HAS OCCURRED IN THE TRAILING PORTION OF THE
LARGE REGION NEAR S15E35 AND THE REGION MAY HAVE BECOME MORE
COMPLEX MAGNETICALLY. A FILAMENT ASSOCIATED WITH THIS REGION HAS
BEEN INACTIVE. MINOR SPOT GROWTH AND REORIENTATION HAVE OCCURRED
IN REGIONS NEAR S10W44/S10 AND S18W53. OTHER REGIONS APPEAR STABLE.
THE GEOMAGNETIC FIELD REMAINS QUIET.

B. CLASS M FLARES ARE POSSIBLE FROM THE S10W44/S10W50 AND S15E35
REGIONS DURING THE NEXT 3 DAYS, BUT SUCH FLARES ARE EXPECTED TO
BE RELATIVELY INFREQUENT.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR
PERIODS BEGINNING 04 JULY/1700Z ENDING 07/1700Z.

CLASS M OR GREATER 50/40/40

CLASS X 20/15/15

PROTON EVENTS 20/15/15

D. OTTAWA 10.7 CM FLUX AT 1400Z TODAY IS 162. PREDICTED 165/165/160.

E. N/A

F. KP ESTIMATED FOR 1200-1500Z WAS 0. KP FORECAST FOR NEXT 24
HOURS PER KP 15.3; 1/1/1/1/1/1/1.

SOLTERWARN

BT

NNNNU
VPP KGFF
DE BOU 042300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 312B ISSUED 2300Z 04 JULY 1969
CLASS M FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS.
SECTIONS A B AND C REMAIN UNCHANGED FROM SDF 312A.
D. OTTAWA 10.7 CM 1700Z FLUX TODAY IS 164. PREDICTED 165/165/160.
E. MAGNETIC A-FREDERICKSBURG FOR 03 JULY WAS 02. FOR 04 JULY ABOUT
04. PREDICTED AP FOR 5-7 JULY ALL UNDER 10.
BT