

VPP KGFF
DE BOU 071705Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 315A ISSUED 1700Z 07 JULY 1969
ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 6 HOURS.
A. A CLASS M FLARE, IMPORTANCE 1B, WAS OBSERVED AT S20W01 AT
07/0537Z. THIS FLARE PRODUCED A 10 CM RADIO BURST OF 490
F.U. HOWEVER, IONOSPHERIC EFFECTS WERE MINIMAL. THE UMBRA IN
THIS REGION CONTINUES TO BREAK UP WITH ITS ASSOCIATED PLAGE VERY
SCATTERED. SEVERAL SMALL NEW SPOTS HAVE BEEN OBSERVED TO THE
EAST OF THE LARGE SPOT. THE REGION AT N13W06 CONTAINS A DARK
EMBEDDED FILAMENT IN THE BRIGHT PLAGE AREA JUST EAST OF THE
MAIN UMBRA AN OPTICAL IMPORTANCE 1N WAS OBSERVED IN THE SCATTERED
PLAGE REGION AT N17W28 AT 07/0725Z. ALL OTHER REGIONS ARE SMALL
AND STABLE. THE GEOMAGNETIC FIELD IS QUIET.
B. THE LARGE DECAYING REGION AT S15W04 SHOULD PRODUCE SPORADIC
CLASS M FLARES DURING THE NEXT 3 DAYS. THE REGION AT N13W06 COULD
ALSO PRODUCE A SMALL CLASS M EVENT.
C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 07/1700Z ENDING 10/1700Z.
CLASS M OR GREATER 40/40/40
CLASS X 10/10/10
PROTON EVENTS 10/10/10
D. OTTAWA 10.7 CM FLUX AT 1400Z IS 160. PREDICTED 155/150/150.
F. KP ESTIMATED FOR 1200-1500Z WAS 2. KP FORECAST FOR NEXT 24
HOURS PER KP 15.3 2/2/2/2/2/2/2/2.
SOLTERWARN
BT

NNNNU
VPP KGFF
DE BOU 072300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 315B ISSUED 2300Z 07 JULY 1969
ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.
A. SOLAR ACTIVITY HAS DECREASED DURING THE PAST 6 HOURS WITH ONLY A
FEW MINOR FLARES BEING OBSERVED. A NEW SPOT GROUP HAS APPEARED AT
S08E50. NO OTHER SIGNIFICANT CHANGES HAVE BEEN OBSERVED. THE GEO-
MAGNETIC FIELD HAS BEEN SLIGHTLY DISTURBED THE PAST 3 HOURS.
SECTIONS B AND C REMAIN UNCHANGED FROM SDF 315A.
D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 163.
E. MAGNETIC A-FREDERICKSBURG FOR 06 JULY WAS 05. FOR 7 JULY ABOUT
07. PREDICTED AP FOR 08-10 JULY 10/10/10.
BT
