

UUUV
PP KGFF
DE BOU 101705Z
HERE IS THE MSG FOR REFILE PASS TO HENV HOUSTON

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO
SDF NUMBER 196A ISSUED 1700Z 10 MARCH 1969
SMALL AND INFREQUENT CLASS M FLARES ARE POSSIBLE DURING THE NEXT
12 HOURS

A. THERE ARE CURRENTLY 8 RELATIVELY UNIMPRESSIVE CENTERS OF
ACTIVITY ON THE DISK LOCATED NEAR N10W70, N15W53, N13W40, N20E10,
N10E21, N32E38, S08E47, AND S08E56. IN ADDITION A RETURNING
REGION IS BEGINNING EAST LIMB PASSAGE NEAR S12. ALTHOUGH THE
DISK IS GENERALLY UNIMPRESSIVE, THE REGION NEAR N15W53 PRODUCED
3 SMALL CLASS M EVENTS ON 09 MARCH. THE RETURNING CENTER NEAR
SE12 PRODUCED A SMALL CLASS M EVENT, OPTICAL IMPORTANCE SUB
NORMAL, AT 10/0809Z. MINOR SPOT GROWTH HAS BEEN OBSERVED IN THE
REGIONS NEAR N13W40 AND N32E38. THE GEOMAGNETIC FIELD HAS BEEN
QUIET.

B. SMALL AND INFREQUENT CLASS M FLARES ARE EXPECTED DURING THE
NEXT 3 DAYS. THE REGIONS CURRENTLY ON THE DISK ARE NOT
CONSIDERED CAPABLE OF PRODUCING LARGE EVENTS. THE RETURNING
REGION CANNOT YET BE EVALUATED.

FORECASTS FOR 11-13 MARCH

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
CLASS M OR GREATER 50/50/50
CLASS X 1/1/1
PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY IS 140. PREDICTED 142/144/142.

E. N/A.

F. KP ESTIMATED FOR 1200-1500Z WAS 1. KP FORECAST FOR NEXT
24 HOURS AS PER KP 15.3; 2-2-2-2-2-1-1-1.

SOLTERWARN

BT

NNNNUUU
PP KGFF
DE BOU 102300Z
THIS IS THE MESSAGE FOR REFILE
PASS TO H E N V HOUSTON

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 196B ISSUED 2300Z 10 MARCH 1969
SMALL CLASS M FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS.
A. ONLY 2 SUBFLARES HAVE BEEN REPORTED DURING THE PAST 6 HOURS.
HOWEVER, AN IMPORTANCE 2. SPRAY AT 1851Z AND A SURGE AT 1935Z
ASSOCIATED WITH THE RETURNING REGION AT SE12 WERE BOTH ACCOMPANIED
BY MINOR SUDDEN IONOSPHERIC DISTURBANCES. SO FAR ONLY A J-TYPE SPOT
IS VISIBLE IN THIS REGION, BUT THE ACTIVITY OBSERVED TODAY INDICATES
THAT THE COMPLETE REGION MAY NOT YET BE VISIBLE. THE FOLLOWING
FLARES IN THE REGION CURRENTLY NEAR N13W56 WERE NOT LISTED ON SDF196A
09/1912Z, ONE BRIGHT, AND 09/2232Z, ONE NORMAL.
SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 196A.
E. MAGNETIC A-FREDERICKSBURG FOR 09 MARCH WAS 06. FOR 10 MAR ABOUT 05
PREDICTED AP FOR 11-13 MARCH 69, 5-10/5-10/5-10.
BT