

NNNN

UUU
PP KGFF
DE BOU 171705Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 203A ISSUED 1700Z MARCH 17 1969
CLASS M FLARES ARE EXPECTED AND CLASS X FLARES ARE POSSIBLE
DURING THE NEXT 12 HOURS.

A. A CLASS M FLARE, IMP ONE BRIGHT, WAS OBSERVED 16/2335Z FROM
THE REGION NEAR N15E23. ONLY SPORADIC CLASS C FLARES HAVE BEEN
REPORTED SINCE. SPOT GROWTH HAS OCCURRED IN THE REGIONS NEAR
N22W20, N15E23, AND N13E36. THE NE PLAGE COMPLEX, EXTENDING
FROM N15E23 TO EAST LIMB, IS COMPLEX AND CONTAINS NUMEROUS
EMBEDDED FILAMENTS. THE MOST INTERESTING AND COMPLEX SPOT GROUPS
WITHIN THIS PLAGE STRUCTURE IS CURRENTLY ON EL INDICATING THAT
MORE SPOTS MAY BE COMING OVER THE LIMB. ADDITIONAL IMP ONE NORMAL
FLARES WERE REPORTED 17/0223Z NEAR N22W10 AND 17/0223Z NEAR N12
E58. THE GEOMAGNETIC FIELD HAS BEEN MODERATELY DISTURBED FOLLOWING
A SUDDEN COMMENCEMENT AT 17/0030Z.

B. CLASS M FLARES ARE EXPECTED, AND CLASS X FLARES ARE POSSIBLE
DURING THE NEXT 3 DAYS FROM THE NE COMPLEX. CLASS M FLARES ARE
ALSO POSSIBLE FROM THE REGIONS CURRENTLY NEAR N22W20, S16W06,
AND S15E63. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN SLIGHTLY
DISURBED FOR THE NEXT 12 HOURS.

FORECASTS FOR MARCH 18-20

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

CLASS M OR GREATER 90/90/90

CLASS X 30/30/30

PROTON EVENTS 20/20/20

D. OTTAWA 10.7 CM FLUX TODAY IS 202. PREDICTED 210/215/215.

E. N/A

F. KP ESTIMATED FOR 1200-1500Z WAS 5. KP FORECAST FOR NEXT 24
HOURS PER KP 15.3; 4-4-4-4-4-3-3-3.

BT

NNNN

NNNN

UUU

PP KGFF

DE BOU 172300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 203B ISSUED 2300Z 17 MARCH 1969

CLASS M FLARES ARE EXPECTED AND CLASS X FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS.

A. SOLAR ACTIVITY DURING THE PAST 6 HOURS HAS CONSISTED OF ONE SMALL CLASS M EVENT, IMP SUB NORMAL, AT 1918Z FROM THE REGION NEAR N13E36 AND SPORADIC CLASS C EVENTS FROM THE NE REGIONS. ADDITIONAL SPOT GROWTH HAS OCCURRED IN THE REGION NEAR N15E23 AND THE LARGE SPOT IN THIS REGION IS NOW SURROUNDED BY A RING OF SMALL SPOTS AND BRIGHT PLAGE. OTHERWISE NO SIGNIFICANT CHANGES HAVE BEEN REPORTED IN THE GROUP OF REGIONS IN THE NE. THESE REGIONS CONTINUE TO BE IMPRESSIVE IN ALL PARAMETERS AND ARE POTENTIAL MAJOR EVENT PRODUCERS. NO SIGNIFICANT LIMB ACTIVITY HAS BEEN REPORTED DURING THE PAST 6 HOURS INDICATING THAT THE REGIONS MAY BE FULLY ONTO THE DISK. THE GEOMAGNETIC FIELD REMAINS SLIGHTLY DISTURBED.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 203A.

E. MAGNETIC A-FREDERICKSBURG FOR 16 MAR WAS 13. FOR 17 MAR ABOUT 30. PREDICTED AP FOR 18-20 MAR 30/20/15.

BT

NNNN