

NNNNHUV
PP KGFF
DE BOU 071705Z
HERE IS THE MESSAGE FOR REFILF

FROM SPACE DISTURBANCE FORECAST CENTER FSSA BOULDER COLO
SDF NUMBER 254A ISSUED 1700Z 07 MAY 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. AN OPTICALLY IMPORTANCE IN FLARE OCCURRED AT S13W00 AT
07/1554Z. RADIO AND IONOSPHERIC EFFECTS WERE MINIMAL FROM
THIS FLARE. POINT BRIGHTENINGS WERE OBSERVED AT S15E85 AND
S32E49. ALL OTHER REGIONS APPEAR STABLE. THE GEOMAGNETIC
FIELD IS QUIET.

B. CLASS M FLARES ARE EXPECTED FROM THE S13W00 AND S32E43
REGION. A PREVIOUSLY ACTIVE CENTER IS DUE TO RETURN 36 TO
48 HOURS FROM NOW.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 07/1700Z ENDING 10/1700Z.

CLASS M OR GREATER 70/70/80

CLASS X 10/10/15

PROTON EVENTS 10/10/15

D. OTTAWA 10.7 CM FLUX TODAY IS 127. PREDICTED 130/130/138.

E. N/A.

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

SOLTERWARN

BT

NNNNUUU

HAUS BOU 072300Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 254B ISSUED 2300Z 07 MAY 1969

INFREQUENT CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. OVERCAST CONDITIONS CONTINUE TO PREVENT MANY U.S. OBSERVATORIES FROM MAKING DETAILED DISK OBSERVATIONS. BOTH DIRECT AND INDIRECT X-RAY SENSORS, HOWEVER HAVE INDICATED LITTLE IN THE WAY OF ACTIVITY SINCE THE LAST REPORT.

B. ALTHOUGH CLASS M FLARES ARE STILL ANTICIPATED FROM THE S13W03 AND S32E40 SPOT GROUPS, THE RETURNING ACTIVE SECTOR NEAR CARRINGTON LONGITUDE 60 DEGREES IS DUE IN THE EAST LIMB MAY 8. LOW ENERGY PARTICLE COUNTING RATES ABOARD THE PIONEER 6 AND 7 SPACECRAFTS HAVE NOT DECLINED SIGNIFICANTLY SINCE THE LAST ROTATION. IT THEREFORE APPEARS LIKELY THAT THIS PROTON-ACTIVE CENTER HAS NOT LOST MUCH OF ITS POTENTIAL.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 07/2300Z ENDING 10/2300Z.

CLASS M OR GREATER 70/70/80

CLASS X 10/10/15

PROTON EVENTS 10/10/15

E. MAGNETIC A-FREDERICKSBURG FOR 06 MAY WAS 11. FOR 07 MAY ABOUT 10 PREDICTED AP FOR 8-10 MAY.

F. KP ESTIMATED FOR 1200-1500Z WAS 2. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3 1/3/1/2/1/1/2/1.

BT