

NNNNUV
PP KGEF

DE BOU 252355Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 787B ISSUED 0000Z JANUARY 26 1968

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

SECTIONS A B C AND D REMAIN UNCHANGED FROM SDF 787A.

E. FREDERICKSBURG A INDEX FOR JAN 24 WAS 09. FOR JAN 25
ABOUT 02. PREDICTED FOR JAN 26-28 ALL UNDER 10.

BT

NNNN

NNNNUUU
PP KGFF
DE BOU 261800Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO.
SDF 788A ISSUED 1800Z JANUARY 26 1968
ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS
A. HIGHLIGHTS FOR THE WEEK JANUARY 19-26 CMMA 1968 CLN NO
FLARES OF MAJOR IMPORTANCE WERE OBSERVED DURING THIS PERIOD.
PRIMARY INTEREST HAS CENTERED ON A REGION WHICH BEGAN TO APPEAR
ON THE EAST LIMB NEAR N10 ON JAN. 23. SEVERAL MINOR FLARES
CMMA MANY OF THEM ACCCOMPANIED BY DEKAMETER WAVELENGTH RADIO NOISE
BURSTS CMMA WERE OBSERVED THERE ON THE 23RD. BY LATE JAN. 25 A
SPOT GROUP OF CLASS E OR F AND APPROXIMATELY 1500 MILLIONTHS AREA
IN THIS REGION HAD CLEARED THE LIMB. THIS SPOT GROUP APPEARS
TO BE CHANGING IN ITS ORGANIZATION BUT ITS EVOLUTIONARY STAGE
CAN NOT YET BE DETERMINED. THE H- PLAGE IN THIS REGION IS
UNUSUAL IN STRUCTURE BUT IS NOT UNUSUALLY BRIGHT. SMALL REGIONS
NEAR S11 E55 AND N28 W70 TODAY HAVE PRODUCED A FEW MINOR FLARES.
VISUAL OBSERVATIONS TODAY ARE SERIOUSLY LIMITED BY WEATHER. A
MAGNETIC DISTURBANCE BEGAN WITH SC AT 1440Z TODAY AND APPEARS
TO BE DEVELOPING INTO A MODERATE MAGNETIC STORM.
B. FORECAST FOR THE WEEK JANUARY 27-FEBRUARY 1 CMMA 1968 CLN
AN ENHANCEMENT IN SOLAR ACTIVITY IS EXPECTED AS A RESULT OF
ANTICIPATED DEVELOPMENT IN THE SPOT GROUP PRESENTLY NEAR N13
E52. THE LEVEL OF FLARE PRODUCTION SHOULD BE STRENGHTENED
FURTHER SOMETIME BETWEEN 29 AND 31 JAN. WHEN THE ACTIVE CENTER
OF EAST ROTATION RETURNS NEAR N11.
C. 28 DAY FORECAST FOR JANUARY 27-FEBRUARY 13 CMMA 1968 CLN
SOLAR ACTIVITY IS EXPECTED TO BE HIGHER THAN NORMAL WITHIN
THE PERIOD JAN. 27-FEB. 14.
D. FORECAST FOR JANUARY 7-29 AND EXPECTED MEAN VALUE FOR
JANUARY 30-FEB 2
THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 15-20-20 /30/
IMPORTANCE THREE OR GREATER 1-1-1 /2/
PROTON EVENTS 1-1-1 /2/
OTTAWA 10.7 CM FLUX TODAY 180 PREDICTED 190-200-205 /200/
BT