

NNNUUV
PP KGFF
DE BOU 112350Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 773A ISSUED 0000Z JANUARY 12 1968
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A B C AND D UNCHANGED

E. MAGNETIC A FREDERICKSBURG FOR JAN 10 WAS .03. TODAY IT

WILL BE ABOUT .07. PREDICTED FOR JAN 12-14 UNDER 10/8-15/10-20.

BT

NNNNGMUXMVAMVCMVEMVIMVLMVPMVRMHAXMVNNNMUV

PP KGFF

DE BOU 120600Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 773B ISSUED 0600Z JAN 12 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

BT

NNNNUU
PNNNNUUV

PP KGFF

DE BOU 121800Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF 773D ISSUED 1800Z JANUARY 12 1968
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS
A. HIGHLIGHTS FOR THE WEEK JANUARY 5-12 CMMA 1968 CLN
MAJOR FLARES OCCURRED THIS WEEK AT 0505Z JAN. 9 AND 1659Z
JAN. 11 CMMA IN REGIONS NOW NEAR N12 W 4 AND S23 W49
RESPECTIVELY. BOTH FLARES PRODUCED MODERATELY INTENSE
10 CM RADIO NOISE EMISSION AND MODERATE IONOSPHERIC
EFFECTS. MAGNETIC DELTA CONFIGURATIONS WERE IDENTIFIED
IN BOTH REGIONS ON JAN. 6 AND THIS IDENTIFICATION WAS
TENTATIVELY REAFFIRMED IN THE N12 W24 REGION ON JAN. 11.
THE LARGE AND COMPLEX SPOT GROUPS IN BOTH REGIONS REACHED
MAXIMUM DEVELOPMENT ON JAN. 8 AND HAVE SINCE GRADUALLY
DECLINED. ANOTHER LARGE AND SLIGHT COMPLEX SPOT GROUP
ROTATED ONTO THE EAST LIMB AT N21 LATE ON JAN. 16. FOR THE
PAST FOUR DAYS IT HAS MAINTAINED A RELATIVELY STABLE SIZE
AND CONFIGURATION. MANY SMALL FLARES HAVE BEEN OBSERVED
THERE BUT NO LARGE FLARES THUS FAR. THE REGION LOCATION TODAY
IS NEAR N21 E10. THE OTTAWA 10.7 CM SOLAR RADIO NOISE FLUX
HAS BEEN OVER 200 SINCE LATE JAN. 5 AND REACHED A MAXIMUM
FOR THIS SOLAR CYCLE OF 238 ON JAN. 8.

B. FORECAST FOR THE WEEK JANUARY 13-19 CMMA 1968 CLN THE
REGIONS NEAR N12 W24 N21 E10 AND S23 W49 ARE STILL CAPABLE
OF PRODUCING MAJOR FLARES DURING THE REMAINDER OF THEIR DISK
PASSAGES. SUCH FLARES ARE EXPECTED TO BE INFREQUENT FROM ANY
OF THESE REGIONS. THE TWO NORTHERN REGIONS MAY YET DEVELOP
INTO MORE ACTIVE FLARE PRODUCERS. A REGION DUE TO RETURN
LATE JAN. 15 TO THE SE LIMB IS EXPECTED TO BE RELATIVELY
STABLE ALTHOUGH IT MAY SUPPORT ENHANCED 10.7 CM RADIO NOISE
FLUX.

C. 28-DAY FORECAST FOR JANUARY 13 - FEBRUARY 10 CMMA 1968 CLN
SOLAR ACTIVITY IS EXPECTED TO BE HIGHER THAN NORMAL WITHIN
THE PERIODS JAN. 13-21 AND JAN. 29-FEB. 10.

D. FORECAST FOR JANUARY 13-15 AND EXPECTED MEAN VALUES FOR
JANUARY 16-19 CLN
THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 40-35-30 /20/
IMPORTANCE THREE OR GREATER 8-8-5 /5/
PROTON EVENTS 10-10-5 /2/
OTTAWA 10.7 CM FLUX TODAY IS 205. PREDICTED 200-195-185 /160/
BT