

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

NNNNGMVXMVAMVCMVEMVIMVLMVPMVRMHAXMVNNNMUUV

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

WNNNUU

PNNNUUV

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. 6. 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