

NNNNUUUV  
PP KGFF  
DE BOU 310002Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 792B ISSUED 0000Z JAN 31 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. MAGNETICALLY THE LARGE ACTIVE REGION PRESENTLY CENTERED ABOUT THE  
POSITION N13W04 IS A BETA WITH A DELTA CONFIGURATION LOCATED IN THE  
MASSIVE LEADING PORTION OF THE GROUP. THE ONLY SIGNIFICANT ACTIVITY  
SINCE THE LAST MESSAGE WAS AN IMPORTANCE 1B FLARE WHICH OCCURRED AT  
2015Z FROM A POINT NEAR N14W03.

SECTIONS B C AND D ARE UNCHANGED.

E. MAGNETIC A-FREDERICKSBURG FOR JAN 9 WAS 10. FOR JAN 30 ABOUT 6.  
PREDICTED AP UNDER 10/10-15/15-25.

BT

NNNNMUUV  
NNNNUUUV  
PP KGFF  
DE BOU 311845Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF 793A ISSUED 1800Z JANUARY 31 1968

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. SOLAR FLARE ACTIVITY HAS BEEN LIMITED TO IMP ONE AND SMALLER FLARES. SOME ORGANIZATIONAL CHANGE HAS OCCURRED IN THE VERY LARGE SPOT GROUP CENTERED NEAR N13 W13 AND IT APPEARS TO HAVE GROWN. IT IS NOW ESTIMATED TO BE ABOUT F/2300. THE SPOT UMBRAE WHICH YESTERDAY WERE IDENTIFIED AS THE MAGNETIC DELTA COMPONENTS APPEAR TO HAVE STRENGTHENED. THE H-PLAGE IS VERY BRIGHT IN PORTIONS OF THE REGION HOWEVER IT IS NOT SIGNIFICANTLY BRIGHT IN THE VICINITY OF THE DELTA CONFIGURATION. THE REGION CENTERED NEAR N14 W00 IS TENDING TO MERGE WITH THE N13 W13 REGION. THESE REGIONS ARE BEHAVING AS ONE VERY LARGE ACTIVER CENTER. THERE HAVE BEEN MINOR CHANGES ELSEWHERE IN THE VISIBLE DISK AND NEW SPOT GROUPS ARE VISIBLE NEAR N13 E79 AND S13 E62.

B. MAJOR FLARES ARE POSSIBLE FROM THE LARGE NORTHCENTRAL COMPLEX CMMA HOWEVER THE IMPRESSION IS THAT THESE REGIONS ARE UNDERGOING CHANGES AND FLARE PROBABILITY WILL INCREASE TOMORROW AND LATER. MAJOR FLARES ARE NOT EXPECTED FROM ELSEWHERE ON THE VISIBLE DISK.

FORECAST FOR FEBRUARY 1-3

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 50/65/70  
IMPORTANCE THREE OR GREATER 5/10/10  
PROTON EVENTS 5/10/20

D. THE OTTAWA 10.7 CM FLUX TODAY 253. PREDICTED 260/265/268  
BT