

NNNNUUU  
PP KGFF  
DE BOU 080000Z  
THIS IS THE FORECAST FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 769A ISSUED 0000Z JAN 8 1968  
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS  
SECTIONS A,B,C, AND D REMAIN UNCHANGED. 6 7  
E. MAGNETIC A-FREDERICKSBURG YESTERDAY 10. TODAY ABOUT 5.  
PREDICTED UNDER 10/10-15/10-15  
BT 8 9 10

NNNNUUU  
PP KGFF  
DE BOU 080545Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 769B ISSUED 0600Z JAN 8 1968  
MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS  
BT

UUV  
PP KGFF  
DE BOU 081200Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 769C ISSUED AT 1200Z JAN 8 1967  
MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS  
BT

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PP KGFF  
DE BOU 081830Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 769D ISSUED 1800Z JANUARY 08 1968

MAJOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. MANY IMPORTANCE ONE AND SMALLER FLARES HAVE OCCURRED DURING THE PAST 18 HOURS COMMA PARTICULARLY FROM THE REGION NEAR N12E29. CONSIDERABLE GROWTH AND DEVELOPMENT HAS OCCURRED IN THE N12E29 SUNSPOT GROUP AND IT IS NOW MEASURED AS F/900. THIS SPOT GROUP WAS CLASSED AS A MAGNETIC DELTA ON DEC. 6 AND IT IS PRESUMED TO STILL BE A DELTA. REORGANIZATION HAS OCCURRED IN THE S22E03 SPOT GROUP AND IT MEASURES D/740. A DELTA CONFIGURATION PROBABLY STILL EXISTS THERE TOO. A GROWING SPOT GROUP NEAR N10E15 /D/50/ MAY BE A WESTWARD EXTENSION OF THE N12E29 GROUP. REGIONS NEAR N19W02 AND S18W14 APPEAR STABLE. ADDITIONAL GROWTH HAS OCCURRED IN THE N21E58 SPOT GROUP WHICH IS NOW D/380. OTTAWA 10 CM SOLAR FLUX IS THE HIGHEST OF THIS SOLAR CYCLE AT 238.

B. THE FIVE LARGE REGIONS DISCUSSED IN /A/ ARE EACH CAPABLE OF PRODUCING MAJOR FLARES. THE N12E29 REGION APPEARS TO BE THE MOST ACTIVE AND PROTON FLARES ARE POSSIBLE THERE. PROTON FLARES ARE ALSO POSSIBLE FROM THE S22E03 AND N21E58 REGIONS.

FORECASTS FOR JANUARY 09-11

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS IMPORTANCE TWO OR GREATER 70/70/70

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 15/15/15

D. OTTAWA 10.7 CM FLUX TODAY IS 238. PREDICTED 242/244/245.

BT