

UUV
PP KGFF
DE BOU 090000Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 770A ISSUED 0000Z JAN 9 1968
MAJOR FLARES AND POSSIBLY PROTON FLARES ARE EXPECTED WITHIN 12
HOURS.

- A. UNCHANGED FROM 769D
- B. THE EXPECTATION OF MAJOR FLARES HAS INCREASED IN THE N12E25
REGION. RECENT CHANGES WITHIN THE REGION INDICATE MAJOR ACTIVITY IS
LIKELY WITHIN 12 HOURS AND SUCH FLARE ACTIVITY WILL LIKELY PRODUCE
PROTONS. OTHERWISE /B/ IS UNCHANGED FROM SDF 769D
- C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 80/75/75
IMPORTANCE THREE OR GREATER 15/15/15
PROTON EVENTS 25/25/25
- D. UNCHANGED
- E. MAGNETIC A-FREDERICKSBURG DEC. 7 WAS 6. DEC. 8 ABOUT 4.
PREDICTED AP FOR DEC 9-11 UNDER 10/UNDER 10/15-20.
BT

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DE BOU 090600Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 770B ISSUED 0600Z JAN 09 1968
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.
C. REVISED PROBABILITIES FOR FLARES AND PROTON EVENTS *
IMPORTANCE TWO OR GREATER 65/70/75
IMPORTANCE THREE OR GREATER 10/12/12.
PROTON EVENTS 10/15/15.

RT

* Probabilities reduced for reasons given on attached sheet.

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DE BOU 091200Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 770C ISSUED AT 1200Z JAN 9 1968
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS
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NNNNUV
PP KGFF
DE BOU 091825Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 770D ISSUED 1800Z JANUARY 09 1968
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.
A. A COMPACT BRIGHT IMPORTANCE TWO FLARE WAS OBSERVED AT
09/0505Z IN THE N12E16 REGION. THE FLARE PRODUCED MODERATELY
STRONG RADIO EMISSION IN THE CENTIMETER WAVELENGTH RANGE AND
MODERATELY INTENSE IONOSPHERIC EFFECTS. ANOTHER IMPORTANCE
TWO FLARE REPORTEDLY BEGAN AT 1129Z IN THE S22W10 REGION
PRODUCING MODERATE RADIO NOISE EMISSION. NEITHER OF THESE
FLARES POSSESSED ALL THE CHARACTERISTICS THOUGHT TO BE NECESSARY
FOR PROTON PRODUCTION. NUMEROUS SMALLER FLARES HAVE OCCURRED
IN BOTH OF THE ABOVE REGIONS. VISUAL OBSERVATIONS SINCE ABOUT
1200Z HAVE BEEN LIMITED BY WEATHER CONDITIONS HOWEVER INDIRECT
DETECTORS HAVE NOT INDICATED ANY MAJOR FLARE ACTIVITY. NO
SIGNIFICANT CHANGES ARE KNOWN TO HAVE OCCURRED IN ANY OF THE
SOLAR REGIONS SINCE THE DESCRIPTION GIVEN IN SDF 769D.
B. MAJOR FLARES ARE POSSIBLE FROM EACH OF THE REGIONS LOCATED
NEAR N12E16 N21E45 AND S22W10 TODAY.

FORECASTS FOR JANUARY 10-12

65/70/70 PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 65/70/70

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 10/15/15

D. OTTAWA 10.7 CM FLUX TODAY IS 230. PREDICTED 232/234/234.

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