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UUU
PP KGFF
DE BOU 300500Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 759C ISSUED 0500Z DEC 30 1967
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.
BT

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DE BOU 301100Z
THIS IS THE MESSAGE FOR REFILE

ESSA/SPACE DISTURBANCE
FORECAST CENTER

DEC 30 10 53 67

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 759D ISSUED 1100Z DEC 30 1967
MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.
BT

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PP KGFF
DE BOU 30/1700Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 760A ISSUED AT 1700Z DEC 30 1967

MAJOR FLARES ARE POSSIBLE BUT UNLIKELY DURING THE NEXT 12 HOURS

A. THE ONLY SIGNIFICANT EVENT REPORTED TODAY HAS BEEN A FAINT IMPORTANCE ONE FLARE AT ABOUT 1420Z LOCATED IN THE LARGE SCATTERED REGION NEAR S15 E12. THE SMALL SPOT GROUPS ASSOCIATED WITH THE REGION HAVE NOT CHANGED MUCH FROM YESTERDAY. THE LARGE SPOT GROUP OF CLASS/AREA E/700 AT S16 W43 CONTINUES TO PRODUCE LITTLE OR NO ACTIVITY. RADIO FLUX LEVELS HAVE DROPPED SHARPLY. A SMALL REGION HAS RETURNED AT S16 E80.

B. MAJOR FLARES ARE CONSIDERED POSSIBLE FROM REGIONS AT S15 E12 AND S16 W43 DUE TO PAST FLARE HISTORY AND SUNSPOT SIZE RESPECTIVELY. THE PROBABILITY OF OCCURRENCE IS DECREASING DUE TO LACK OF RECENT ACTIVITY AND ABSENCE OF RAPID GROWTH OR CHANGES IN THE REGIONS.

FORECASTS FOR DEC 31 - JAN 1-2

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 25/20/20
IMPORTANCE THREE OR GREATER 5/5/5
PROTON EVENTS 2/1/1

D. OTTAWA 10.7 CM FLUX TODAY IS 164. PREDICTED 160/158/155
BT

NNNNUUUV
PP KGFF
DE BOU 302315Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 760B ISSUED 2300Z DEC 30 1967

MAJOR FLARES ARE POSSIBLE BUT UNLIKELY DURING THE NEXT 12 HOURS.

A. NO SIGNIFICANT SOLAR ACTIVITY HAS BEEN REPORTED SINCE 1700Z.
OPTICAL OBSERVATIONS ARE LIMITED BUT RADIO AND IONOSPHERIC FLARE
DETECTORS HAVE CONTINUOUS RECORDS OF VIRTUALLY NO ACTIVITY. RADIO
FLUX LEVELS ARE GENERALLY MUCH BELOW YESTERDAY ALTHOUGH STILL
ENHANCED ENOUGH TO MERIT A WATCH FOR POSSIBLE MAJOR ACTIVITY. A
MAGNETIC DELTA CONFIGURATION STILL EXISTS IN THE LARGE SPOT GROUP
AT ~~S15E08~~. ~~S16W47~~ S16W47.

B. SOLAR REGIONS AT S15E08 AND S16W47 ARE BOTH APPARENTLY DECLINING
BUT RETAIN FEATURES THAT GIVE THEM POTENTIAL FOR MAJOR FLARES.

FORECASTS FOR DEC 31-JAN 2

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 25/20/20
IMPORTANCE THREE OR GREATER 5/5/5
PROTON EVENTS 2/1/1

D. OTTAWA 10.7 CM FLUX TODAY 164. PREDICTED 160/160/155.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 6. TODAY ABOUT 10.
PREDICTED AP 5-15/UNDER 10/5-15.

BT