

ESSA/SPACE DISTURBANCE
FORECAST CENTER

OCT 29 04 49 ZUL

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PP KGFF

DE BOU 290500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 697C ISSUED 0500Z OCT 29 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

BT

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DE BOU 291100Z

SDF NUMBER 697D ISSUED 1100Z OCT 29 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

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PP KGFF

DE BOU 291710Z

HR IS THE 1700Z MSG FOR REFILE

ESSA/SPACE DISTURBANCE
FORECAST CENTER

OCT 29 17 21 66

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 698A ISSUED AT 1700Z OCT 29 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

- A. THE NW REGION HAS CONTINUED TO PRODUCE IMPORTANCE ONE FLARES. THE FLARE AT 0302 PRODUCED MODERATE IONOSPHERIC EFFECTS AND RADIO NOISE. A REGION AT N18 NEAR CENTRAL MEDIDIAN IS ALSO INTERESTING. IT PRODUCED A QUESTIONABLE IMPORTANCE TWO NORMAL FLARE AT 0835 TODAY. TYPE 3 BURSTS HAVE BEEN OBSERVED OCCASIONALLY SINCE SUNRISE THIS MORNING BY THE HAO INTERFEROMETER IN BOULDER. THE GEOMAGNETIC STORM CONTINUES.
- B. THE NW REGION WILL BE GONE BY TOMORROW. THE SE REGIONS ARE INTERESTING AND THERE IS PROBABLY MORE TO COME OVER THE LIMB. A RADIO SOURCE AT SE LIMB HAS BRIGHTENED CONSIDERABLY SINCE YESTERDAY.

FORECASTS FOR OCT 30-NOV 01

- C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 50/40/40
IMPORTANCE THREE OR GREATER 10/10/5
PROTON EVENTS 5/5/5
- D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 163. PREDICTED 161/159/157.

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DE BOU 292300Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 698B ISSUED AT 2300Z OCT 29 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

- A. LITTLE ACTIVITY HAS BEEN OBSERVED SINCE OUR LAST FORECAST.
- B. THE NW REGION IS STILL DOMINANT AS IT PASSES OVER WEST LIMB. SEVERAL REGIONS IN THE SE APPEAR BRIGHT IN H-ALPHA BUT AS YET HAVE PRODUCED FEW FLARES. THERE HAVE BEEN SUGGESTIONS OF LOOPS AT EAST LIMB, AND THERE SHOULD BE MORE SPOTS COMING OVER THE LIMB.

FORECASTS FOR OCT 30-NOV 01

- C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 30/30/30
IMPORTANCE THREE OR GREATER 5/5/5
PROTON EVENTS 2/2/2
- D. OTTAWA 10.7 CM FLUX TODAY 1.66. PREDICTED 156/157/158.
- E. MAGNETIC A-FREDERICKSBURG YESTERDAY 20. TODAY ABOUT 18.
PREDICTED AP 15/7/7.