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PP KGFF

DE BOU 250500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO .

SDF NUMBER 631C ISSUED 0500Z AUGUST 25, 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

BT

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PP KGFF

DE BOU 251100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 631D ISSUED AT 1100Z AUGUST 25, 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

BT

PP KGFF

DE BOU 251700Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 632A ISSUED 1700Z AUGUST 25 1967

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE
NEXT 12 HOURS

A. A SIGNIFICANT DECREASE IN SIZE AND STRENGTH HAS OCCURRED
IN THE LARGE REGION AT CENTRAL MERIDIAN IN THE NORTH.

THE SUNSPOT GROUP HAS DECREASED IN AREA AND DARKNESS AND THE
PLAGE IS FAINTER AND LESS COMPLICATED. MINOR GROWTH HAS
OCCURRED IN SPOT GROUPS AT N12 E07 AND S19 E04. AN IMPORTANCE
ONE FLARE AT 0630Z AND NUMEROUS SUBFLARES HAVE OCCURRED IN
THE SOUTHERN REGION. A LARGE BUT INACTIVE REGION IS BEGINNING
WEST LIMB PASSAGE AT S30. AN ACTIVE REGION IS DUE TO RETURN
TO NORTHEAST LIMB ON 27 AUGUST.

B. THE REDUCTION IN FLARE ACTIVITY AND STRENGTH OF REGION
CHARACTERISTICS OF THE AREA AT N22 E03 LOWERS THE CHANCE FOR
MAJOR FLARES AND PROTON EVENTS. ACTIVITY SHOULD BE LIMITED
TO MINOR FLARES PRIMARILY FROM THE SMALL DEVELOPING REGIONS AT
N12 E07 AND S19 E04.

FORECASTS FOR AUGUST 26-28

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 40/40/40

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 5/5/5

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 165. PREDICTED 160/150/-50

BT

NNNNUUUV

PP KGFF

DE BOU 252300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 632B ISSUED 2300Z *Aug 25, 1967*

MAJOR FLARES ARE POSSIBLE BUT UNLIKELY DURING THE NEXT

12 HOURS

- A. NO SIGNIFICANT ACTIVITY OR CHANGES IN ACTIVE REGIONS HAVE BEEN REPORTED SINCE 1700Z.
- B. THE CONTINUED ABSENCE OF FLARES IN THE LARGE REGION AT N22 NEAR CENTRAL MERIDIAN MAY INDICATE THAT MAJOR FLARES ARE NOW UNLIKELY.
- BRIGHT CORONA AT SE LIMB PRESAGES THE APPEARANCE OF AN ACTIVE REGION TOMORROW. AN ADDITIONAL REGION IS EXPECTED AT NE LIMB ON 27 AUGUST.

FORECASTS FOR AUGUST 26-28

- C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
- IMPORTANCE TWO OR GREATER 40/30/30
- IMPORTANCE THREE OR GREATER 10/5/5
- PROTON EVENTS /5/5/5
- D. OTTAWA 10.7 CM FLUX TODAY 167. PREDICTED 160/155/155.
- E. MAGNETIC A-FREDERICKSBURG YESTERDAY 9. TODAY ABOUT 9.
- PREDICTED AP ALL UNDER 10.

BT