

NNNNUUU

PP KGFF

DE BOU 170500Z

THIS IS THE MESSAGE FOR REFILE

SDF NUMBER 623C ISSUED 0500Z AUGUST 17, 1967

ALTHOUGH MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS,

THE MAJOR-FLARE PROBABILITY IS INCREASING.

BT

NNNNUUU

PP KGFF

DE BOU 171100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 623D ISSUED AT 1100Z AUGUST 17 1967

ONLY MINOR FLARES ARE EXPECTED WITH MAJOR FLARE PROBABILITY

INCREASING SLIGHTLY DURING THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 624A ISSUED 1700Z AUGUST 17 1967

FORECASTS FOR

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HRS

- A. A FLARE REPORTED AS BOTH IMPORTANCE 2B AND 1N OCCURRED TODAY AT 1206Z WITH A MAXIMUM AT 1211Z IN A REGION NOW AT S21 W70. RADIO EMISSION WAS MINOR AND NO X-RAY EFFECTS HAVE BEEN REPORTED. THE MOST INTERESTING REGION ON THE DISK IS A VERY BRIGHT, FLUCTUATING PLAGE AT N09 E02. IT CONTAINS A SPOT GROUP OF CLASS/AREA D/310 AS OPPOSED TO YESTERDAYS C/10 AT THIS TIME. THIS REGION PRODUCED A 1F FLARE AT 0648Z AND A 1B AT 0836Z TODAY. GREEN LINE CORONAL EMISSION AND A 9.1 CM RADIO NOISE SOURCE INDICATE A REGION JUST OVER NE LIMB. THESE FIRST INDICATIONS ARE NOT VERY IMPRESSIVE.
- B. THE RAPID GROWTH IN THE REGION AT N09 E02 OFFERS A FAIR TO GOOD CHANCE FOR MAJOR FLARE ACTIVITY DURING THIS FORECAST PERIOD.
- C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 25/25/25
IMPORTANCE THREE OR GREATER 2/2/2
PROTON EVENTS 1/1/1
- D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 142. PREDICTED 145/148/151.
- BT

NNNNUUV

PP KGFF

DE BOU 172300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 624B ISSUED 2300Z AUGUST 17, 1967

FORECASTS FOR AUGUST 18-20

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. A LARGE 1B FLARE WAS REPORTED AT 2100Z FROM THE REGION NOW AT N09 W20. THE FLARE WAS ACCOMPANIED BY MODERATE X-RAY EMISSION. WEATHER HAS CURTAILED OBSERVATIONS AT SEVERAL OBSERVATORIES AND NO MORE SIGNIFICANT GROWTH HAS BEEN REPORTED IN THIS REGION.

B. MAJOR FLARES ARE POSSIBLE FROM THE REGION AT N09 W20.

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

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY 145. PREDICTED 150/153/155

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 9. TODAY ABOUT 18.

PREDICTED AP 12-18/12-18/8-12

BT