

UUV
PP KGFF
DE BOU 240500Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 723C ISSUED 0500Z 24 NOVEMBER 1967
MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURIN
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DE BOU 241100Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 723D ISSUED AT 1100Z NOVEMBER 24, 1967
MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS
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PP KGFF
DE BOU 241720Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 724A ISSUED 24/1700Z NOV 67

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

HIGHLIGHTS FOR THE WEEK NOVEMBER 17-24 1967 COLN
AN IMPORTANCE TWO BRIGHT FLARE OCCURRED AT 0820Z NOV 17 IN THE
REGION THEN AT N10 E21. AT THAT TIME THE REGION POSSESSED A
SPOT GROUP OF CLASS/AREA E/700 MILLIONTHS HAVING A MAGNETIC
DELTA CONFIGURATION. BY NOV 18 THIS REGION BECAME STABLE AND NO
FURTHER MAJOR ACTIVITY WAS REPORTED FROM IT. IT IS NOW NEAR N10
W70 AND ITS SPOT GROUP HAS DECLINED TO H/410. AN IMPORTANCE TWO
BRIGHT FLARE AT 1535Z NOV 17 WAS OBSERVED AT N18 E LIMB PRECEDING
THE APPEARANCE OF A REGION THERE. NO ADDITIONAL MAJOR ACTIVITY
HAS OCCURRED IN THIS REGION WHICH IS NOW LOCATED NEAR N18 E10.
IT CONTAINS A COMPLEX SPOT GROUP WHICH WAS MEASURED AS E/540
TODAY. A SMALL BUT RAPIDLY GROWING REGION NEAR S28HE17 APPEARED
SINCE YESTERDAY AND HAS PRODUCED SEVERAL SUBFLARES.

FORECAST FOR NOVEMBER 25- DECEMBER 1 1967
OCCASIONAL MAJOR FLARES ARE EXPECTED THIS WEEK FROM THE REGION
AT N18 E09. THE REGION AT N09 W71 IS NOT ANTICIPATED TO PRODUCE
MAJOR ACTIVITY BEFORE IT EXECUTES LIMB PASSAGE NOV 26. CONTINUED
GROWTH IS POSSIBLE IN THE REGION NEAR S28HE17. NO MAJOR RETURNS
ARE DUE THIS WEEK AND GENERAL SOLAR ACTIVITY LEVELS ARE EXPECTED
TO DECLINE.

28-DAY FORECAST FOR NOV 25-DECEMBER 22 1967
SOLAR ACTIVITY IS EXPECTED TO BE HIGHER THAN NORMAL NOV 25-DEC 1
AND DEC 9-22.

FORECASTS FOR NOV 25-27 AND EXPECTED MEAN VALUES FOR NOV 28-DEC 1.
THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 40-40-35 /30/
IMPORTANCE THREE OR GREATER 10-10-10 /10/
PROTON EVENTS 10-10-10 /10/
OTTAWA 10.7 CM FLUX TODAY IS 157 PREDICTED 155-150-145 /135/
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DE BOU 242310Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 724B ISSUED 2300Z NOV 24 1967

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

A. A SMALL IMPORTANCE ONE FLARE WAS OBSERVED AT 1911Z IN THE REGION NEAR N19E04. FINE STRUCTURE CHANGES IN THIS REGION SEEM TO INDICATE INCREASING ACTIVITY. NO SIGNIFICANT CHANGES HAVE BEEN REPORTED IN ANY OF THE OTHER VISIBLE REGIONS TODAY.

B. MAJOR FLARES ARE EXPECTED FROM THE N19E04 REGION PRIOR TO ITS WEST LIMB PASSAGE. THERE IS NO EVIDENCE THAT SUCH FLARE ACTIVITY IS IMMINENT OR THAT THEY WILL BE FREQUENT. FLARES AS LARGE AS IMPORTANCE ONE ARE POSSIBLE FROM THE REGION NEAR S19E44 AND POSSIBLY S28E13.

FORECASTS FOR NOV 25-27

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 40/40/35

IMPORTANCE THREE OR GREATER 10/10/5

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUX TODAY 157. PREDICTED 155/150/145.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 8. TODAY ABOUT 14.

PREDICTED AP 8-12/UNDER 10/UNDER 10.

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