

NNNN

PP KGFF

DE BOU 290500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DIST FRCST CNTR ESSA BOULDER COLO

SDF NUMBER 667C ISSUED 0500Z SEPT 29, 1967

ONLY MINOR FLARES EXPECTED DURING THE NEXT 12 HOURS

THE MAGNETIC DISTURBANCE IS STILL IN PROGRESS

BT

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PP KGFF

DE BOU 291100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 667D ISSUED AT 1100Z SEPTEMBER 29, 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

MAGNETIC DISTURBANCE STILL IN PROGRESS

REVISED A-FREDERICKSBURG PREDICTIONS FOR SEP 29-OCT 01

25-30/UNDER 10/UNDER 10

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 668A ISSUED 1700Z 29 SEP 67

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS. THE MAGNETIC DISTURBANCE SHOULD SUBSIDE.

A. SEVERAL SMALL FLARES HAVE BEEN REPORTED DURING THE PAST 24 HOURS BUT NONE LARGER THAN IMPORTANCE ONE. MUCH OF THE FLARE ACTIVITY OCCURRED IN A REGION NOW NEAR N16 E26. PROMINENCE ACTIVITY THERE AS WELL AS THE FLARES INDICATES THAT ACTIVITY MAY BE INCREASING IN THE REGION. A SLOW DRIFT RADIO OUTBURST AT 29/1550Z WAS APPARENTLY ASSOCIATED WITH PROMINENCE ACTIVITY IN THIS REGION. PROMINENCE AND 9.1CM RADIO EMISSION OBSERVATIONS INDICATE THE PRESENCE OF A NEW REGION BEYOND THE EAST LIMB NEAR S20. THE REGION NOW NEAR N11 W36 APPEARS TO BE DECLINING. THE 10CM RADIO FLUX HAS DECLINED WITH THE WEST LIMB PASSAGE OF TWO REGIONS. THE MAGNETIC DISTURBANCE IS STILL IN PROGRESS.

B. INCREASING FLARE ACTIVITY IS LIKELY FROM THE N16 E26 REGION AND MAJOR FLARES ARE POSSIBLE. THE REGION BEYOND THE SOUTHEAST LIMB DOES NOT APPEAR TO BE ESPECIALLY ACTIVE JUDGING FROM EVIDENCE NOW AVAILABLE. THE MAGNETIC DISTURBANCE SHOULD SUBSIDE WITHIN THE NEXT 12 HOURS.

FORECASTS FOR SEPT 30-2 OCTOBER

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 15/15/15

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 121 PREDICTED 121/123/126

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 668B ISSUED 2300Z SEP 29 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. NO SIGNIFICANT SOLAR ACTIVITY HAS BEEN REPORTED SINCE SDF668A. GROWTH IS OCCURRING IN A SMALL REGION CONTAINING A SMALL SPOT GROUP AT N14E00 AND SUBFLARES HAVE OCCURRED THERE. THE REGION BEYOND SOUTHEAST LIMB DISCUSSED IN SDF668A IS NOT YET VISIBLE BUT PROMINENCE ACTIVITY AT THE LIMB CONTINUES AND MINOR CORONAL EMISSION HAS BEEN REPORTED. THE REGION NEAR N16E22 IS ESSENTIALLY UNCHANGED.

B. ONLY MINOR FLARE ACTIVITY IS EXPECTED. THE MAGNETIC DISTURBANCE SHOULD END WITHIN THE NEXT 12 HOURS.

FORECASTS FOR SEP 30-OCT 2

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 10/10/10

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY 118. PREDICTED 132/134/137.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 27. TODAY ABOUT 33.
PREDICTED AP 8-15/6-12/UNDER 10.

BT