

PP KGFF

DE BOU 060500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 674C ISSUED 0500Z OCT 06, 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

BT

NNNNUUU

PP KGFF

DE BOU 061100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 674D ISSUED AT 1100Z OCTOBER 06, 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

BT

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PP KGFF

DE BOU 061725Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 675A ISSUED 1700 06 OCT 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. IMPORTANCE TWO FLARES WERE REPORTED AT 1100Z AND 1213Z TODAY FROM THE REGION NEAR S16 W39. IMPORTANCE ONE FLARES WERE ALSO REPORTED THERE AT 0445 AND 0537" TODAY. ONLY MINOR RADIO EMISSION AND X-RAY EFFECTS WERE REPORTED WITH THESE FLARES. THE FLARE ACTIVITY OCCURRED IN THE REGION WHICH WAS REPORTED LATE YESTERDAY TO CONTAIN TWO MAGNETIC DELTA CONFIGERATIONS. THE PLAGE THERE CONTINUES TO BE COMPACT BRIGHT AND CONTAINING FINE STRUCTURE WHICH INDICATES ENHANCED ACTIVITY.

B. FORECASTS FOR OCTOBER 7-9

CONTINUED GROWTH IN THE SOUTWEST REGION WILL INCREASE ITS POTENTIAL FOR PRODUCING MAJOR FLARE ACTIVITY. A REGION DUE TO RETURN TO NORTHEAST LIMB OCTOBER 8 IS NOT EXPECTED TO BE ACTIVE.

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 40/45/45

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 2/2/2

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 126 PREDICTED 129/132/133

BT

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PP KGFF

DE BOU 062300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 675B ISSUED 2300Z OCT 6 1967

MAJOR FLARES ARE LIKELY DURING THE NEXT 12 HOURS.

A. NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED FOR THE PAST 10 HOURS.

THE REGION NEAR S16W43 HAS SLOWED AND MAY HAVE REVERSED IN ITS RATE OF GROWTH HOWEVER IT CONTINUES TO PRODUCE MINOR FLARE ACTIVITY. THE SUNSPOT GROUP THERE DOES NOT SEEM TO BE AS COMPLEX AS YESTERDAY BUT THE HYDROGEN PLAGE SHOWS CONSIDERABLE FINE STRUCTURE INDICATIVE OF FURTHER ACTIVITY. NONE OF THE OTHER VISIBLE REGIONS APPEAR TO BE SHOWING ANY SIGNIFICANT CHANGE.

B. FILIAMENT ACTIVATION IN THE S16W43 REGION AT THIS TIME INDICATES THAT ADDITIONAL IMPORTANCE TWO FLARES ARE LIKELY WITHIN THE NEXT 12 HOURS.

FORECASTS FOR OCT 7-9

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

IMPORTANCE TWO OR GREATER 60/50/40

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 2/2/2

D. OTTAWA 10.7HCM FLUX TODAY 130. PREDICTED 130/133/134.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 8. TODAY ABOUT 5.

PREDICTED AP ALL UNDER 10.

BT