

ESSA/SPACE DISTURBANCE
FORECAST CENTER

OCT 2 04 43 67

NNNNUV

PP KGFF

DE BOU 020500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 670C ISSUED 0500Z OCT 2 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

BT

NNNNUUV

PP KGFF

DE BOU 021100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 670D ISSUED AT 1100Z OCTOBER 02, 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 671A ISSUED 1700Z OCT 02 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. THE REGION NEAR N14 W37 PRODUCED AN IMPORTANCE ONE FLARE AT 0756Z TODAY. BOTH THE PLAGE AND SPOT GROUP THERE HAVE INCREASED IN SIZE HOWEVER STRUCTURE IS LESS INTERESTING THAN YESTERDAY. THE PLAGES AT S19 W68 AND S21 E49 ARE BOTH COMPACT AND MODERATELY BRIGHT BUT THE SPOT GROUPS THERE HAVE NOT CHANGED SIGNIFICANTLY. A NEW REGION IS JUST VISIBLE AT EAST LIMB AT ABOUT S25. A PORTION OF THE PLAGE CAN BE SEEN AND THERE IS MINOR PROMINENCE ACTIVITY ABOVE THE REGION. A J/80 SPOT GROUP IS ASSOCIATED WITH IT AT S25 E88. ENHANCED CORONA HAS BEEN REPORTED AT N15-25 EAST LIMB.

B. IMPROTANCE ONE FLARES ARE LIKELY FROM THE REGIONS AT N14 W37 S19 W68 AND S21 E49. LARGER FLARES ARE NOT EXPECTED FROM ANY OF THE VISIBLE REGIONS.

FORECASTS FOR 2-4 OCT

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 133 PREDICTED 135/138/142

BT

UVV

PP KGFF

DE BOU 022300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 671B ISSUED 2300Z OCT 2 1967

MAJOR FLARES ARE NOT EXPECTED DURING THE NEXT 12 HOURS.

A. TWO IMPORTANCE ONE FLARES WERE REPORTED FROM THE REGION AT S21E45 AT 1947Z AND 2155Z. THE PLAGE REMAINS COMPACT AND BRIGHT. THE SPOT GROUP AT N21W06 HAS GROWN SLIGHTLY BUT NO FLARES HAVE BEEN REPORTED THERE. SUBFLARE ACTIVITY CONTINUES AT N16W37.

B. FLARES AS LARGE AS IMPORTANCE ONE ARE POSSIBLE FROM THE REGIONS AT S21E45, N21W06 AND N16W37. MAJOR FLARES ARE NOT EXPECTED.

FORECASTS FOR OCT 3-5

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 134. PREDICTED 135/138/142.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 8. TODAY ABOUT 5.
PREDICTED AP ALL UNDER 10.

BT