

NNNN

ESSA/SPACE DISTURBANCE
FORECAST CENTER

OCT 11 04 44 67

UUU

PP KGFF

DE BOU 110500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 679C ISSUED 0500Z OCT 11 1967

ONLY MINOR FLARES EXPECTED DURING THE NEXT 12 HOURS.

BT

NNM NNNNUUV

PP KGFF

DE BOU 111100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 679D ISSUED AT 1100Z OCTOBER 11, 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

BT

NNNNUUUV

PP KGFF

DE BOU 111700Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 680A ISSUED 11OCT 1700Z

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. SIGNIFICANT GROWTH HAS OCCURRED IN THE SUNSPOT GROUP AT N15 W05 AND IT IS NOW MEASURED AS D/320. THE PLAGE REGION THERE HAS BECOME MORE COMPACT AND ITS STRUCTURE IS MORE INTERESTING HOWEVER ITS AREA HAS NOT INCREASED APPRECIABLY SINCE YESTERDAY. IT IS EXPECTED TO GROW FOLLOWING THE DEVELOPMENT OF THE SPOT GROUP. THE REGION AT N15 W75 NOW APPEARS LESS INTERESTING THAN PREVIOUSLY. IT WILL TRAVERSE WEST LIMB TOMORROW. THE SMALL MAGNETIC DISTURBANCE ENDED AT ABOUT 11/0000Z.

B. CONTINUED GROWTH AND DEVELOPMENT IS ANTICIPATED IN THE N15 W05 REGION THUS INCREASING ITS CAPABILITY FOR PRODUCING MAJOR FLARES. ONLY MINOR FLARE ACTIVITY IS EXPECTED FROM THE OTHER VISIBLE REGIONS. THERE IS EVIDENCE OF A REGION DUE TO RETURN TO THE NORTHEAST LIMB WITHIN THE NEXT 24 HOURS.

FORECAST PERIOD OCTOBER 12-14

IMPORTANCE TWO OR GREATER 20/40/50

IMPORTANCE THREE OR GREATER 2/5/5

PROTON EVENTS 2/5/5

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 134. PREDICTED 136/137/138

BT

ESSA/SPACE DISTURBANCE
FORECAST CENTER

OCT 11 23 12-67

NNNNUV

PP KGFF

DE BOU 112300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 680B ISSUED 2300Z OCT 11, 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. NO SIGNIFICANT ACTIVITY OR CHANGES HAVE BEEN REPORTED

IN THE REGION AT N15 W09 SINCE 1700Z. FREQUENT SURGE ACTIVITY
AT N15 EAST LIMB INDICATES THE REGION THERE MAY BE MODERATELY
ACTIVE. ALL OTHER REGIONS REMAIN INACTIVE.

B. FLARES AS LARGE AS IMPORTANCE ONE ARE EXPECTED FROM THE
REGIONS AT N15 W09 AND N15 W79.

FORECASTS FOR OCT 12-14

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 20/20/20
IMPORTANCE THREE OR GREATER 2/2/2
PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY 137. PREDICTED 142/145/147

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 21. TODAY ABOUT 12.
PREDICTED AP 10-15/10-15/6-10

BT