

ESSA/SPACE DISTURBANCE
FORECAST CENTER

OCT 23 04 45 200

NNNNUV

PP KGFF

DE BOU 230500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 691C ISSUED 0500Z OCT 23 1967

ONLY MINOR FLARE ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS.

BT

PP KGFF

DE BOU 231100Z

THIS IS THE MESSAGE FOR REFILE

ESSA/SPACE DISTURBANCE
FORECAST CENTER

OCT 23 11 00^{AM}

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 691D ISSUED 1100Z OCT 23 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

BT

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NNNUUV

PP KGFF

DE BOU 231710Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 692A ISSUED 1700Z OCT 23 1967

A. AN IMPORTANCE ONE FLARE WAS REPORTED AT 0535Z IN THE REGION NOW AT N10 E03. THIS REGION HAS BEGUN TO DECLINE IN COMPLEXITY AND FLARE ACTIVITY. THE REGION AT N15 W21 ALSO APPEARS TO BE DECLINING. SPOT GROWTH HAS BEEN OBSERVED AT N19 E39 ALTHOUGH ONLY SUBFLARES HAVE BEEN REPORTED THERE.

B. THE PROBABILITY FOR MAJOR FLARES IS DECREASING WITH THE DECLINE IN THE N10 E03 REGION. FLARES AS LARGE AS IMPORTANCE ONE ARE STILL LIKELY FROM THIS REGION AND THE REGION AT N15 W21.

FORECASTS FOR 24-26 OCT 1967

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS IMPORTANCE TWO OR GREATER 20/15/10

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 143 PREDICTED 140/138/137

BT

ESSA/SPACE DISTURBANCE
FORECAST CENTER

OCT 23 23 14⁰⁰ '67

UVV

PP KGFF

DE BOU 232300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 692B ISSUED 2300Z OCT 23 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. NO ADDITIONAL FLARES AS LARGE AS IMPORTANCE ONE HAVE BEEN
REPORTED TODAY. THE SPOT GROUP NEAR N19E34 CONTINUES TO GROW.
ITS ASSOCIATED HYDROGEN PLAGE IS COMPACT AND BRIGHT WITH
CONSIDERABLE FINE STRUCTURE. THE REGIONS NEAR N10W01 AND N15W25
CONTINUE TO DECLINE IN SIZE AND IMPORTANCE.

B. FLARES AS LARGE AS IMPORTANCE ONE ARE POSSIBLE FROM THE REGION
NEAR N19E34 N10W01 AND N15W25. LARGER FLARES ARE NOT EXPECTED.

FORECASTS FOR OCT 24-26

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 141. PREDICTED 140/139/139.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 6. TODAY ABOUT 9.
PREDICTED AP 10-15/14-18/15-20.

BT