

ESSA/SPACE DISTURBANCE
FORECAST CENTER

OCT 25 0450z75

UVU

PP KGFF

DE BOU 250500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 693C ISSUED 0500Z 25 OCTOBER 1967

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT 12 HOURS

BT

NNNN

NNNNUUV

PP KGFF

DE BOU 251100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 693D ISSUED AT 1100Z OCTOBER 25, 1967

MAJOR FLARES ARE POSSIBLE BUT NOT LIKELY DURING THE NEXT 12 HOURS

BT

NNNUUV

PP KGFF

DE BOU 251700Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 694A ISSUED 1700Z OCT 25 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. ONLY MINOR FLARE ACTIVITY HAS BEEN REPORTED. MOST OF THE FLARES HAVE OCCURRED IN THE REGION NOW NEAR N09 W26. THIS REGION CONTINUES TO INCREASE IN PARAMETERS INDICATIVE OF FUTHER ACTIVITY. THE REGION NEAR N20 E10 IS NOW DEFINITELY DECLINING. TWO SMALL NEW SPOT GROUPS HAVE BEEN REPORTED AT N21 E63 AND N14 W57 BUT NO ACTIVITY HAS BEEN REPORTED FROM EITHER. ALL OTHER REGIONS APPEAR INACTIVE.

B. MAJOR FLARES ARE POSSIBLE FROM THE REGION AT N10 W25 DURING THE NEXT THREE DAYS.

FORECASTS FOR 26-28 OCT 1967

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 30/30/20
IMPORTANCE THREE OR GREATER 5/5/2
PROTON EVENTS 2/2/2

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

BT

ESSA/SPACE DISTURBANCE
FORECAST CENTER

OCT 26 1967 10:00 AM

NNNNUV

PP KGFF

DE BOU 252300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 694B ISSUED 2300Z OCTOBER 25 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. A PROBABLE IMPORTANCE ONE FLARE BEGAN AT 2129Z IN
THE REGION NOW NEAR N09 W29. ONLY MINOR IONOSPHERIC EFFECTS
ACCOMPANIED THE FLARE. THIS REGION CONTINUES TO GROW AND DEVELOP.
THE SPOT GROUP COVERS AT LEAST 15 DEGREES OF LONGITUDE AND
CONTAINS ABOUT 100 SPOTS. CLASS/AREA IS F/240. THE HYDROGEN
PLAGE POSSESSES CONSIDERABLE FINE STRUCTURE, THERE IS A SMALL
BUT APPARENTLY DEVELOPING SPOT GROUP AND PLAGE REGION NEAR
N20 E56. THE REMAINING VISIBLE REGIONS APPEAR TO BE INACTIVE.

B. MAJOR FLARES ARE POSSIBLE FROM THE N09 W29 REGION AND
THE PROBABILITY FOR MAJOR FLARES WILL INCREASE IF THE
REGION CONTINUES TO GROW. ONLY MINOR FLARES ARE EXPECTED FROM
THE REMAINING VISIBLE REGIONS.

FORECASTS FOR OCTOBER 26-28

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 50/50/40
IMPORTANCE THREE OR GREATER 10/10/05
PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX TODAY 139. PREDICTED 140/140/138.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 03. TODAY ABOUT 03.
PREDICTED AP RANGES 8-12/10-15/10-15.