

ESSA/SPACE DISTURBANCE  
FORECAST CENTER

OCT 1 04 45 67

NNNNUUV

PP KGFF

DE BOU 010500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 669C ISSUED 0500Z OCT 1 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

NNNNUV

PP KGFF

DE BOU 011100Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 669D ISSUED 1100Z OCT 67

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

A. AN IMPORTANCE 2B FLARE OCCURRED AT N25 E25 AT 01/0838. THERE  
WAS A SMALL ASSOCIATED RF EVENT.

BT

ESSA SPACE DISTURBANCE  
FORECAST CENTER

OCT 1 17 26 67

NNNNNNNUUV

PP KGFF

DE BOU 011700Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 670A ISSUED 1700Z OCT 01, 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. THE GENERAL LEVEL OF SOLAR ACTIVITY IS RISING. THE PLAGES  
AT N14 W17 AND S20 E75 ARE THE BRIGHTEST FEATURES ON THE DISK.

B. SEVERAL REGIONS APPEAR TO HAVE POTENTIAL FOR MAJOR FLARES.  
HOWEVER THE X-RAY FLUX AND RADIO BURSTS ASSOCIATED WITH THE  
RECENT FLARES HAVE BEEN RELATIVELY SMALL. 10.7 CM RADIO FLUX  
IS INCREASING RAPIDLY.

FORECASTS FOR OCT 02-04

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

IMPORTANCE THREE OR GREATER 5/5/5

PROTON EVENTS 2/2/2

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 139. PREDICTED 145/150/158

BT

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 670B ISSUED 2300Z OCT 1 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. THE PLAGE AT N15W24 HAS BEEN AT NEARLY FLARE BRIGHTNESS  
SEVERAL TIMES TODAY. ANOTHER PLAGE AT S20W65 WAS REPORTED AT NEARLY  
FLARE BRIGHTNESS BY THE CANARY ISLAND OBSERVATORY. HOWEVER NO  
FLARES GREATER THAN SUBFLARES HAVE BEEN REPORTED. THE SUNSPOT AT  
N14W28 IS REPORTED BY SACRAMENTO PEAK TO HAVE DOUBLED IN SIZE  
DURING THE DAY TODAY.

B. SEVERAL PLAGES HAVE POSSIBILITIES FOR MAJOR FLARES DURING THE  
NEXT FEW DAYS.

FORECASTS FOR OCT 2-4

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS  
IMPORTANCE TWO OR GREATER 25/25/25  
IMPORTANCE THREE OR GREATER 5/5/5  
PROTON EVENTS 2/2/2

D. OTTAWA 10.7 CM FLUX TODAY 139. PREDICTED 140/142/144.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 25. TODAY ABOUT 9.  
PREDICTED AP ALL UNDER 10.

BT