

ESSA/SPACE DISTURBANCE
FORECAST CENTER

OCT 7 04 46 z67

UUV

PP KGFF

DE BOU 070500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 675C ISSUED 0500Z OCT 7 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

BT

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PP KGFF
DE BOU 07/1715Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 676A ISSUED AT 1700Z OCT 7 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. AN ACTIVE CENTER AT S16 W55 CONTINUES TO DOMINATE SOLAR ACTIVITY WITH IMPORTANCE ONE FLARES OCCURRING AT 2300Z YESTERDAY AND 0254Z 0355Z 1132Z AND 1627Z TODAY. THE LAST HAD ASSOCIATED MODERATE RADIO BURSTS. THE SUNSPOT AND PLAGE STRUCTURES IN THIS REGION INDICATE A DECREASING POTENTIAL FOR MAJOR EVENTS. THE OTHER REGIONS NOW VISIBLE REMAIN SMALL AND INACTIVE.

B. THE GENERAL LEVEL OF ACTIVITY SHOULD REMAIN NEAR THE PRESENT LEVEL. THE LOSS OF REGIONS AT NW AND SW LIMBS DURING THE NEXT THREE DAYS SHOULD BE COMPENSATED BY RETURNING REGIONS ON 8 AND 10 OCTOBER. FREQUENT MINOR FLARES ARE EXPECTED IN THE SW REGION UNTIL ITS WEST LIMB PASSAGE ON THE 10TH.

FORECASTS FOR OCT 8-10

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 25/20/10
IMPORTANCE THREE OR GREATER 5/5/2
PROTON EVENTS 2/2/1

D. OTTAWA 10.7 CM FLUX TODAY ESTIMATED 125. PREDICTED 126/125/125
BT

ESSA/SPACE DISTURBANCE
FORECAST CENTER

OCT 7 22 47z67

NNNNKSMUCX

MUUV

PP KGFF

DE BOU 072300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 676B ISSUED 2300Z OCT 7 1967

ONLY MINOR FLARES EXPECTED DURING THE NEXT 12 HOURS.

A. AN ENERGETIC IMPORTANCE ONE FLARE AT 2043Z WAS ASSOCIATED WITH THE ACTIVE REGION AT S16W59. AN IMPORTANCE THREE SURGE WAS EJECTED BY THIS EVENT. MINOR LIMB EVENTS HAVE OCCURRED WITH THE LIMB PASSAGE OF MINOR REGIONS IN THE NW AND THE RETURN OF SMALL REGIONS AT BOTH NE AND SE LIMBS.

B. FREQUENT FLARES AS LARGE AS IMPORTANCE ONE BRIGHT ARE EXPECTED TO CONTINUE FROM THE SW REGION. OVERALL ACTIVITY MAY DECREASE WITH THE ROTATION OF REGIONS OVER WEST LIMB BUT IT IS POSSIBLE THAT RETURNING REGIONS COULD COMPENSATE THE LOSS.

FORECASTS FOR OCT 8-10

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 25/20/10
IMPORTANCE THREE OR GREATER 5/5/2
PROTON EVENTS 2/2/1

D. OTTAWA 10.7 CM FLUX TODAY 126. PREDICTED 122/125/125.

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 6. TODAY ABOUT 6.
PREDICTED AP ALL UNDER 10.