

NNNNUV

PP KGFF

DE BOU 130500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA/BOULDER COLO

SDF NUMBER 681C ISSUED 0500Z OCT 13, 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

BT

NNNNUUV

PP KGFF

DE BOUL 131100Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 681D ISSUED AT 1100Z OCTOBER 13, 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

BT

NNNNUUUV

PP KGFF

DE BOU 131700Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 682A ISSUED 13 NOCT 1700Z

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. NO FLARES LARGER THAN SUBFLARES HAVE BEEN REPORTED FOR MORE THAN 30 HOURS. THE SUNSPOT GROUP NEAR N16 W33 HAS NOT CHANGED SIGNIFICANTLY SINCE YESTERDAY HOWEVER ITS CALCIUM PLAGE HAS GROWN SOMEWHAT. THE HYDROGEN PLAGE POSSESSES CONSIDERABLE FINE STRUCTURE AND SEVERAL BRIGHT POINTS. METRIC AND DEKAMETRIC RADIO NOISE FROM THIS REGION STILL CONTINUES BUT AT A LOWER INTENSITY THAN YESTERDAY. SEVERAL SMALL SURGES AND SUBFLARES WERE REPORTED FROM EN20 EARLY TODAY HOWEVER THIS ACTIVITY APPARENTLY SUBSIDED BEFOR 1400Z.

B. FLARES AS LARGE AS IMPORTANCE TWO ARE POSSIBLE FROM THE N16 W33 REGION BEFORE ITS WEST LIMB PASSAGE. HOWEVER PRESENT ACTIVITY THERE DOES NOT INDICATE THAT SUCH FLARES ARE IMMINENT.

FORECASTS FOR 14-16 OCT 1967

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

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

D. H OTTAWA 10.7HCM FLUX TODAY ESTIMATED 133 PREDICTED 132/131/130

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 682B ISSUED 2300Z OCT 13 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. NUMBEROUS SMALL FLARES HAVE OCCURRED IN THE REGION NEAR N16W37 SINCE 1700Z TODAY. THESE INCLUDED AN IMPORTANCE ONE FLARE AT ABOUT 1900Z. RADIO EMISSION FROM THIS REGION AT METRIC AND LONGER WAVELENGTHS INCREASED BEGINNING AT ABOUT 1800Z AND RELATIVELY STRONG TYPE IV EMISSION WAS RECORDED BETWEEN 1850Z AND 2020Z. AN IMPORTANCE TWO FLARE WAS REPORTED TO HAVE OCCURRED AT 0810Z TODAY AT N15E90 HOWEVER NO CONFIRMING INFORMATION HAS BEEN RECEIVED.

B. CHARACTERISTICS OF THE N16W37 REGION AND THE ACTIVITY THAT HAS OCCURRED THERE INDICATES AN INCREASED PROBABILITY FOR LARGER FLARES. MINOR FLARES ARE EXPECTED FROM THE REGIONS NEAR N20 EAST LIMB AND N17W63.

FORECASTS FOR OCT 14-16

C. THE DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS
IMPORTANCE TWO OR GREATER 60/40/40
IMPORTANCE THREE OR GREATER 2/2/2
PROTON EVENTS 5/5/5

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

E. MAGNETIC A-FREDERICKSBURG YESTERDAY 13. TODAY ABOUT 6.
PREDICTED AP ALL UNDER 10.

BT