

RR DAA

DE BOU 131730Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 377A ISSUED 1700Z

DECEMBER 13 1966

A. ONLY SUBFLARES HAVE BEEN REPORTED FROM THE REGIONS AT N21W01 AND S22W30 SINCE YESTERDAY. THE SUNSPOT AT N21W01 APPEARS TO BE RELATIVELY STABLE WITH A WEAK GAMMA MAGNETIC CONFIGURATION. MAJOR FLARES ARE STILL EXPECTED FROM ITS. THE SPOT GROUP AT S22W30 IS DECLINING IN SPOT STRUCTURE ALTHOUGH IT REMAINS A BRIGHT SOURCE OF EMISSION AT 9.1 CM. THE SPOT DECLINE AND PAST FLARE ACTIVITY HERE LEADS US TO BELIEVE MAJOR FLARES ARE LESS LIKELY. A NEW SPOT HAS APPEARED AT ABOUT N21E60 RELATED BY FACULA STRUCTURE TO THE GROUP AT N18E46. THE LEADING SPOT IN THE N18E46 GROUP HAS DEVELOPED THREE DARK UMBRAE. THE FACULAE IS BRIGHT VISUALLY AS WELL AS AT 9.1 CMM

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD DECEMBER 14-16 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 65/65/60

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 10/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 165. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 14-16 ARE 163/160/155.

D. THE FREDERICKSBURG MAGNETIC INFORMATION WILL BE INCLUDED ON THE 2300Z FORECAST.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
VIA AGIWARN

HLCOM

SPACE DISTURBANCE FORECAST NUMBER 377B ISSUED 2300Z

DECEMBER 13 1966

A. THERE IS CONTINUING SUBFLARE ACTIVITY IN BOTH THE LARGE REGIONS AT S22W34 AND N22W04. THE SUNSPOT GROUPS IN BOTH REGIONS HAVE DEVELOPED SOME STRONGER SPOTS SINCE 1630Z.

MAJOR FLARES ARE STILL LIKELY FROM BOTH REGIONS. NO CHANGE IS SEEN IN THE LARGE BRIGHT NE REGION SINCE 1630Z. A SMALL BRIGHT PLAGE MAY DEVELOP SUNSPOTS NEAR S18E60. ADDITIONAL SMALL REGIONS ARE EXPECTED TO RETURN TO NE LIMB DURING THE NEXT TWO DAYS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD DECEMBER 14-16 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 65/65/65

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 10/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY WAS 161. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 14-16 ARE 158/155/152.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 0.

TODAY IT WILL BE ABOUT 17. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 14-16 ARE 14/9/9.

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