

THIS IS THE MSG FOR REFILLS

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 382A ISSUED 1700Z

DECEMBER 18 1966

A. SOLAR ACTIVITY CONTINUES TO DECLINE AND FLARE ACTIVITY SHOULD BE CONFINED TO IMPORTANCE ONE AND SUBFLARES. AN IMPORTANCE ONE FLARE OCCURRED TODAY AT ABOUT 0651 NEAR THE SPOT GROUP AT N22W66. THIS SPOT GROUP HAS STEADILY DECLINED FOR THE PAST SEVERAL DAYS AND IS NOW CLASS C WITH AREA OF 70 MILLIONTHS. THE SPOT GROUP AT N18W21 HAS ALSO DIMINISHED IN AREA. ALL OTHER SPOT GROUPS ARE TINY AND APPEAR TO BE STABLE OR DECLINING.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD DECEMBER 19-21 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/95/90

IMPORTANCE TWO OR GREATER 25/20/20

IMPORTANCE THREE OR GREATER 1/1/0

PROTON EVENTS 1/1/0

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 120. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 19-21 ARE 114/108/106.

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

BT

FROM SPACE DISTURBANCER FORECAST CENTER ESSA BOULDER COLO
VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 382B ISSUED 2399Z

DECEMBER 18 1966

A. SOLAR ACTIVITY CONTINUES TO DECLINE. THE OTTAWA 10 CM
SOLAR RADIO FLUX DROPPED 14 FLUX UNITS BETWEEN 1700Z YESTRDAY
AND 1700Z TODAY. THE SUNSPOT GROUPS DISCUSSED PREVIOUSLY
ALL APPEAR TO BE STABLE OR DECLINING. THE REGION NEAR N18
W21 NOW APPEARS TO BE THE MOST PROBABLE SOURCE OF FLARE
ACTIVITY BUT THE PROBABILITY IS LOW FOR FLARES LARGER THAN
IMPORTANCE ONE. A TINY SUNSPOT GROUP IS NOW VISIBLE AT N28
E81.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD DECEMBER 19-21 ARE AS FOLLOWS/FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 20/20/15

IMPORTANCE THREE OR GREATER 1/1/0

PROTON EVENTS 1/1/0

C. THE OTTAWA 10 CM FLUX TODAY IS 115 . PREDICTED VALUES FOR THE
THREE DAY PERIOD DECEMBER 19-21 ARE 108/100/98.

D. THE FREDREICKSBURG MAGNETIC A INDEX YESTERDAY WAS 6.
TODAY IT WILL BE ABOUT 04. PREDICTED VALUES FOR THE THREE
DAY PERIOD DECEMBER 19-21 ARE 4/4/7.

BT