

THIS IS THE MSG FOR REFILE

371A - Dec 07, 1966

A. SOLAR ACTIVITY IS INCREASING WITH THE APPEARANCE AT NORTHEAST LIMB OF THE EXPECTED RETURNING REGION. IT POSSESSES A MODERATELY LARGE CLASS E SUNSPOT GROUP IN A COMPACT VERY BRIGHT FACULA. THE SPOT GROUP APPEARS CAPABLE OF DEVELOPING A COMPLEX MAGNETIC CONFIGURATION. IT HAS THE APPEARANCE OF A YOUNG REGION AND IS NEAR THE SOLAR POSITION OF THE AUGUST SEPTEMBER PROTON EVENTS. THE REGION AT ABOUT S21E42 HAS GROWN AND IS ALSO CLASS E. SMALL SPOTS ARE DEVELOPING AROUND THE LARGE CLASS H SPOT GROUP AT N08E32. OTHER SPOT GROUPS ARE STABLE OR DECLINING.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD DECEMBER 08-10 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 100/100/100
IMPORTANCE TWO OR GREATER 20/25/30
IMPORTANCE THREE OR GREATER 2/5/5
PROTON EVENTS 5/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY IS ABOUT 125. PREDICTED VALUES FOR THE THREE DAY PERIOD DECEMBER 08-10 ARE 130/134/137.

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

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
VIA AGIWARN

ALNIL

SPACE DISTURBANCE FORECAST NUMBER 371B ISSUED 2300Z
DECEMBER 07 1966

A. NO FLARES HAVE BEEN REPORTED TODAY ALTHOUGH A SMALL RADIO
EVENT OCCURRED AT 0730Z. WEATHER CONDITIONS PREVENTED S
SIMULTANEOUS OPTICAL OBSERVATIONS. THIS EVENT MOST LIKELY
OCCURRED IN THE DEVELOPING REGION NEAR NE LIMB. THE LOSS
OF A SMALL REGION AT NW LIMB APPARENTLY HAS COMPENSATED FOR ANY
INCREASE IN RADIO FLUX FROM THE GROWING REGIONS NE AND SE.
UNTIL ADDITIONAL OPTICAL OBSERVATIONS ARE OBTAINED IT WILL
BE DIFFICULT TO ESTIMATE HOW MUCH SOLAR ACTIVITY WILL INCREASE.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD DECEMBER 08-10 ARE AS FOLLOWS/FIGURES
ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 20/25/30

IMPORTANCE THREE OR GREATER 2/5/5/

PROTON VENTS 5/10/10

C. THE OTTAWA 10.7 CM FLUX TO DAY IS 121. THE PREDICTED VLAUES
FOR THE THREE DAY PERIOD DECEMBER 08-10 ARE 126/129/131.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 4. TODAY
IT WILL BE ABOUT 1. THE PREDICTED VALUES FOR THE THREE DAY
PERIOD DECEMBER 08-10 ARE 7/7/7.

BT