

FM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 396A ISSUED 1700Z

JANUARY 1 196~~6~~ 7

A. SOLAR FLARE ACTIVITY HAS BEEN MINOR DURING THE LAST 22 HOURS WITH ONLY SUB FLARES REPORTED FROM REGIONS AT HP 31872 /S22E09 AND AT HP 27218/N18E57. BOTH OF THESE REGIONS ARE EXPECTED TO PRODUCE LARGER FLARES AFTER ANOTHER 24 TO 48 HOURS OF GROWTH

B. 5#3 049BABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JAN 2-4 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

EMPMCHUNCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 20/40/40

IMPORTANCE THREE OR GREATER 5/10/10

PROTON EVENTS 3/5/5

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 131. PREDICETED VALUES FOR THEE THREE DAY PERIOD JAN 2-4 ARE 135/141/150.

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

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M SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

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SPACE DISTURBANCE FORECAST NUMBER 396B ISSUED 2300Z

JANUARY 1 1967.

A. A ONE BRIGHT FLARE IN REGION HP 27218/N18E58 AT 1041Z WAS REPORTED BY ATHENS. AFTERNOON SUNSPOT OBSERVATIONS AT BOULDER INDICATE NEW AND COMPLEX GROWTH IN THE OLD SPOT REGION HP25006 N06E63. 5#3 43&89, 049\$7:3\$.-'94 !)-43 9, ITS FIRST SECOND AND THIRD TRANSITS OF THE DISK' HOWEVER NOTHING GREATER THAN ONE BRIGHT FLARES WERE OBSERVED IN THIS REGION ON THE FOURTH AND FIFTH TRANSITS TO DAYS GROWTH IN THIS REGION APPEARS TO BE A RESURGENCE OF ENERGY TO THE REGION. HP REGIONS 27218 -ND 31872 AND 25006 HAVE MAJOR FLARE POTENTIAL WITHIN 24 HOURS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 2-4 -43 - FOLLOWS/FIGURES

ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 25/50/50

IMPORTANCE THREE OR GREATER 5/10/20

PROTON EVENTS 3/5/5.

C. 5#3 955-2- 10.7 CM FLUX TODAY IS 129. PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 2-4 ARE 135/141150

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 2. TODAY IT WILL BE ABOUT 14. PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 2-4 -43 12/9/3.

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