

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 401A ISSUED 1700Z

JANUARY 6 1966

A. THE LIKLIHOOD OF MAJOR FLARE ACTIVITY REMAINS MODERATELY HIGH ALTHOUGH NO MAJOR FLARES HAVE BEEN REPORTED. OVERALL SOLAR ACTIVITY HAS COMMENCED A GENERAL DECLINE WHICH WILL ACCELERATE AS REGIONS IN BOTH NORTH AND SOUTH PASS WEST LIMB ON JANUARY 8-9. SPOT GROUP 26868 HAS INCREASED SLIGHTLY IN AREA. FLARES REPORTED FROM 26868 HAVE BEEN INSIGNIFICANT BUT IT CONTINUES TO BE CAPABLE OF PRODUCING MAJOR FLARES. SPOT #GROUP 32072 IS NOW DECLINING GRADUALLY AND WILL PASS WEST LIMB JANUARY 8-9. THE CHAIN OF SPOTS COMPOSED OF GROUPS 27217 AND 26217 IN THE NORTH CENTRAL HAVE LOST SPOTS AND AREA. ONLY MINOR CHANGES ARE EVIDENT IN THE REMAINING VISIBLE REGIONS. CENTRAL MERIDIAN LONGITUDE AT 1700Z IS 258.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 7-9 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 60/50/40

IMPORTANCE THREE OR GREATER 10/10/5

PROTON EVENTS 10/10/10

C. THE OTTAWA 10.7 CM FLUX TODAY IS EXPECTED TO BE ABOUT 166.

PREDICTED VALUES FOR THE THREE DAY PERIOD JANUARY 7-9 ARE 160/150/135.

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

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 401B ISSUED 2300Z

JANUARY 06 1967

A. SOLAR ACTIVITY IS DEFINITELY DECLINING AND MAJOR FLARE
ACTIVITY IS NOW CONSIDERED UNLIKELY. SPOT GROUP 26868 IS STILL
A LARGE CLASS D HOWEVER ITS MAGNETIC CONFIGURATION IS NOW A SIMPLE
BETA. NO SIGNIFICANT CHANGES HAVE BEEN REPORTED IN THE OTHER
SOLAR REGIONS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD JANUARY 7-9 ARE AS FOLLOWS/FIGURES
ARE PERCENTAGES FOR EACH OF THE THREE DAYS
IMPORTANCE ONE OR GREATER 100/100/100
IMPORTANCE TWO OR GREATER 40/30/30
IMPORTANCE THREE OR GREATER 5/5/2
PROTON EVENTS 5/5/5

C. THE OTTAWA 10.7 CM FLUX TODAY IS 166. PREDICTED VALUES FOR
THE THREE DAY PERIOD JANUARY 7-9 ARE 155/145/125

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 1.
TODAY IT WILL BE ABOUT 7. THE PREDICTED VALUES FOR THE THREE
DAY PERIOD JANUARY 7-9 ARE 5/5/12.

BT