

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 418A ISSUED AT 1700Z

JANUARY 23 1967

A. THE CM LONGITUDE AT 1700Z IS 34 DEGREES. THE GENERAL LEVEL OF SOLAR ACTIVITY CONTINUES TO INCREASE HOWEVER THE PROBABILITY OF MAJOR FLARES HAS SUBSIDED SOMEWHAT. THE SPOT GROUPS IN THE NORTHERN HEMISPHERE FORM VIRTUALLY A CONTINUOUS CHAIN OF SPOTS EXTENDING FROM W15 TO E55. A NEW GROUP HAS DEVELOPED WITHIN THE CHAIN AT N16 E05 /03016/. THE REMAINING GROUPS COMPOSING THE CHAIN HAVE DECLINED SOMEWHAT SINCE YESTERDAY. AN IMPORTANCE ONE FLARE OCCURRED AT 0717Z TODAY AT N19 E17~~X~~ IN REGION S1019. THE SPOT GROUP 32022 AT S22 E75 IS CLASS H WITH AREA ABOUT 300 MILLIONTHS. IT IS ASSOCIATED WITH A VERY BRIGHT COMPACT PLAGE REGION.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 24-26 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 25/25/25

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 1/1/1

C. THE OTTAWA 10.7 CM FLUX TODAY WILL BE ABOUT 155. THE PREDICTED VALUES FOR JANUARY 24-26 ARE 162/165/168

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

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 418B ISSUED AT 2300Z

JANUARY 23 1967

A. THE CM LONGITUDE AT 2300Z IS 30 DEGREES. SOLAR ACTIVITY IS RELATIVELY LOW ALTHOUGH THERE ARE MANY REGIONS OF PLAGE AND SUNSPOTS. REGION 03016 MAY BE THE ONLY REGION WHICH IS GROWING. THE PLAGE ASSOCIATED WITH THE CLUSTER OF GROUPS NEAR N19 E20 REMAINS BRIGHT. NO FLARES HAVE BEEN REPORTED SINCE THE IMPORTANCE ONE FLARE OF 0717Z TODAY. ONLY MINOR REGIONS ARE EXPECTED TO RETURN TO EAST LIMB DURING THE FORECAST PERIOD.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JANUARY 24-26 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 25/25/25

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 1/1/1

C. THE OTTAWA 10.7 CM FLUX TODAY IS 155. THE PREDICTED VALUES FOR JANUARY 24-26 ARE 160/162/164

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 2. TODAY IT WILL BE ABOUT 3. THE PREDICTED VALUES FOR JANUARY 24-26 ARE 5/5/11

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