

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 441A ISSUED 1700Z

FEBRUARY 15 1967

A. SOLAR ACTIVITY REMAINS STABLE AT A LOW LEVEL. A SECOND SPOT GROUP IS NOW VISIBLE NEAR NORTHEAST LIMB AT N18E80. IT APPEARS TO BE A SMALL CLASS J AND IS APPARENTLY RELATED BY PLAGE TO THE CLASS J SPOT GROUP AT N15E67. THESE REGIONS ARE PRODUCING MODERATE 9.1 CM EMISSION ASSOCIATED WITH ~~THE~~ SMALL LIMB SURGES AND A POSSIBLE LIMB FLARE <sup>HAS</sup> ~~HAVE~~ THREE BEEN REPORTED TODAY. THE SPOT GROUP AT N14W17 REMAINS A POTENTIAL SOURCE OF MINOR FLARES.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE

THREE DAY PERIOD FEB 16-18 ARE AS FOLLOWS/FIGURES ARE

PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 10/10/10

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

C. THE OTTAWA 10CM IS ESTIMATED TO BE 129.

THE PREDICTED VALUES FOR FEBRUARY 16-18 ARE 127/129/132

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

THE CORRECT A FIGURE FOR QE FEB IS 1.

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

VIA AGIWARN

SPACE DISTURBANCE FORECAST NUMBER 441B ISSUED AT 2300Z

FEBRUARY 15 1967

*ADVBO ALFIN*

A. SOLAR FLARE ACTIVITY SEEMS TO HAVE REACHED A MINIMUM WITH NO FLARES OR SUBFLARES REPORTED SINCE 0117Z YESTERDAY EXCEPT A POSSIBLE E-LIMB FLARE. THE OTTAWA 10.7 CM FLUX IS CONTINUING A SLOW DECLINE WHICH HAS REDUCED IT 10 POINTS IN THE LAST FIVE DAYS. THE CONSENSUS OF REPORTED SUNSPOT NUMBERS /R/ HAS DROPPED BELOW 100 FOR THE FIRST TIME SINCE JANUARY 18. ONLY THE REGION AT N13 W22 HAS SHOWN SIGNS OF GROWTH. HOWEVER THE RETURN OF SUNSPOT GROUPS IN THE NORTHEAST WITH MODERATE IMPORTANCE ONE FLARE HISTORIES MAY MARK THE BEGIN OF A GRADUAL RISE IN SOLAR ACTIVITY.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 16-18 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 5/5/5

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 1/1/1

C. THE OTTAWA 10.7 CM FLUX TODAY IS 130. THE PREDICTED VALUES FOR FEBRUARY 16-18 ARE 128/130/132

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 3. TODAY IT WILL BE ABOUT 2. THE PREDICTED VALUES FOR FEBRUARY 16-18 ARE 15/11/7

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