

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 502A ISSUED AT 1700Z
APRIL 17 1967

A. NO FLARES LARGER THAN SUBFLARES HAVE BEEN REPORTED TODAY. SPOT GROUPS ARE NOW VISIBLE IN THE REGIONS IN BOTH THE NORTH AND SOUTH AT EAST LIMB. THEY ARE LOCATED AT N19E75 AND S25E72 AND BOTH APPEAR TO BE RELATIVELY SMALL AND SIMPLE. THE NORTHEAST LIMB REGION HAS BEEN REPORTED AS A RELATIVELY WEAK SOURCE OF 9.1 CM RADIO EMISSION.

B. MAJOR FLARES ARE NOW CONSIDERED VERY UNLIKELY FROM ANY OF THE VISIBLE REGIONS. THE EAST LIMB REGIONS DEFINITELY APPEAR TO BE DECAYING. THERE IS NO EVIDENCE OF MORE ACTIVE CENTERS YET TO BE ROTATED OVER THE EAST LIMB.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD APRIL 18-20 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 90/90/90
IMPORTANCE TWO OR GREATER 2/2/2
IMPORTANCE THREE OR GREATER 0/0/0
PROTON EVENTS 0/0/0

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 126. THE PREDICTED VALUES FOR APRIL 18-20 ARE 126/128/128.

E. THE MAGNETIC INFORMATION WILL BE INCLUDED ON THE 2300Z FORECAST.

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FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 502B ISSUED AT 2300Z

APRIL 17 1967

A. SOLAR ACTIVITY REMAINS AT A LOW LEVEL. ONLY SUBFLARES HAVE BEEN REPORTED TODAY. NO SIGNIFICANT CHANGES HAVE BEEN REPORTED IN ANY OF THE VISIBLE REGIONS.

B. MAJOR FLARE ACTIVITY IS UNLIKELY FROM ANY OF THE VISIBLE REGIONS. THERE IS NO EVIDENCE THAT ACTIVITY WILL INCREASE DURING THE FORECAST PERIOD DUE EITHER TO REGIONS BEING ROTATED OVER THE EAST LIMB OR DEVELOPING ON THE DISK.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD APRIL 18-20 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 85/85/85

IMPORTANCE TWO OR GREATER 2/2/2

IMPORTANCE THREE OR GREATER 0/0/0

PROTON EVENTS 0/0/0

D. THE OTTAWA 10.7 CM FLUX TODAY IS 125. THE PREDICTED VALUES FOR APRIL 18-20 ARE 125/126/126

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 8. TODAY IT WILL BE ABOUT 11. THE PREDICTED AP VALUES FOR APRIL 18-20 ARE 7/5/4

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