

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO VIA AGIWARN
SATELLITE DISTURBANCE FORECAST NUMBER 320 OCTOBER 17 1966.

A. THE ACTIVE REGIONS ARE MAINLY CLUSTERED AROUND CENTRAL MERIDIAN AND SHOW SOME GROWTH SINCE YESTERDAY. NO FLARES GREATER IN IMPORTANCE THAN ONE HAVE BEEN REPORTED TODAY. IMPORTANCE TWO FLARES WERE REPORTED ON BOTH 14 AND 15 OF OCT. FROM A REGION NOW AT N20E03. ALSO NUMEROUS X-RAY BURSTS HAVE BEEN REPORTED BY SATELLITE DURING THE LAST THREE DAYS. A PLAGE HAS RETURNED AT THE EAST LIMB. HOWEVER IT WAS NOT VERY ACTIVE ON ITS LAST ROTATION.

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

IMPORTANCE ONE OR GREATER FLARES 100/100/100

IMPORTANCE TWO OR GREATER FLARES 50/60/70

IMPORTANCE THREE OR GREATER FLARES 10/15/20

PROTON EVENTS 10/10/15

C. THE OTTAWA 10.7 CM FLUX WAS 123. THE PREDICTED VALUES FOR THE THREE DAY PERIOD OCTOBER 18-20 ARE 125/127/130.

D. THE FREDERICKSBURG MAGNETIC A INDEX YESTERDAY WAS 23. TODAY IT WILL BE ABOUT 5. THE PREDICTED VALUES FOR THE THREE DAY PERIOD OCTOBER 18-20 ARE 7/5/9.