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DE BOU 191715ZZ  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
VIA AGIWARN  
SPACE DISTURBANCE FORECAST NUMBER 445A ISSUED AT 1700Z  
FEBRUARY 19 1967.

A. SOLAR ACTIVITY CONTINUES AT A RELATIVELY LOW LEVEL. NO ADDITIONAL FLARES HAVE BEEN REPORTED SINCE EARLY YESTERDAY. THE CENTERS IN THE NORTHEAST QUADRANT NOW APPEAR LESS INTERESTING FROM THE STANDPOINT OF FLARE PRODUCTION. ALL OTHER VISIBLE SOLAR REGIONS ARE STABLE OR DECLINING. A WEAK 9.1 CM RADIO SOURCE PERSISTS AT THE SOUTHEAST LIMB BUT NO SPOTS ARE VISIBLE THERE. CORONAL EVIDENCE SEEMS TO INDICATE THAT THE RETURNING REGION AT SOUTHEAST LIMB IS DECAYING AND IS PROBABLY INACTIVE. SOLAR OBSERVATIONS ARE LIMITED BY WEATHER CONDITIONS.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 20-22 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/  
IMPORTANCE ONE OR GREATER 95/95/95  
IMPORTANCE TWO OR GREATER 10/5/5  
IMPORTANCE THREE OR GREATER 1/1/1  
PROTON EVENTS 1/1/1

C. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 124. THE PREDICTED VALUES FOR FEBRUARY 20-22 ARE 126/127/129.

D. THE FREDERICKSBURG MAGNETIC A INDEX INFORMATION WILL BE INCLUDED ON THE 2300Z FORECAST.  
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THIS IS THE MESSAGE FOR REFILE ADVBO ALNIL 19230

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
VIA AGIWARN  
SPACE DISTURBANCE FORECAST NUMBER 445B ISSUED AT 2300Z  
FEBRUARY 19 1967.

A. NO SOLAR FLARES HAVE BEEN REPORTED SINCE 1038Z YESTERDAY. THE REGION EXPECTED TO RETURN TO SOUTHEAST LIMB TODAY IS NOW VISIBLE AND CONTAINS A CLASS J SPOT GROUP OF ABOUT 80 MILLIONTHS AREA. IT APPEARS TO BE INACTIVE. OF THE NINE SPOT GROUPS OBSERVED YESTERDAY BY SAC PEAK OBSERVATORY ONLY SIX ARE STILL VISIBLE. THE SPOT GROUP AT N14 W21 HAS SHOWN MINOR DEVELOPMENT AND IS NOW CLASS D OF 40 MILLIONTHS AREA. MOST REMAINING GROUPS ARE DEFINITELY DECLINING.

B. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD FEBRUARY 20-22 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/  
IMPORTANCE ONE OR GREATER 90/90/90  
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 124. THE PREDICTED VALUES FOR FEBRUARY 20-22 ARE 124/125/126

D. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 3. TODAY IT WILL BE ABOUT 4. THE PREDICTED VALUES FOR FEBRUARY 20-22 ARE 5/7/7.

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