

UUV

PP KGFF

DE BOU 210500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 566C ISSUED AT 0500Z

JUNE 21, 1967.

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

NNNNUUU

PP KGFF

DE BOU 211100Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 566D ISSUED AT 1100Z

JUNE 21 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 567B ISSUED AT 2300Z  
JUNE 21 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. NO FURTHER ACTIVITY NOR SIGNIFICANT CHANGES IN THE VISIBLE SOLAR REGIONS HAVE BEEN REPORTED SINCE SDF 567Z. THE REGION NEAR N18E56 APPEARS TO BE DEVELOPING SLOWLY. ENHANCED CORONAL EMISSION PERSISTS AT THE NORTHEAST LIMB PRESAGING THE REGION DUE TO RETURN THERE JUNE 23.

B. MAJOR FLARES ARE NOT EXPECTED BUT ARE POSSIBLE IF THE N18E56 REGION CONTINUES TO DEVELOP. THE REGION DUE RETURN TO NORTHEAST LIMB ON JUNE 23 MAY BE A MAJOR FLARE PRODUCER.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JUNE 22-24 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 20/25/25

IMPORTANCE THREE OR GREATER 2/2/2

PROTON EVENTS 1/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS 119. THE PREDICTED VALUES FOR JUNE 22-24 ARE 121/125/130/

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 4. TODAY IT WILL BE ABOUT 4. THE PREDICTED AP RANGES FOR JUNE 22-24 ARE ALL UNDER 10.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SPACE DISTURBANCE FORECAST NUMBER 567~~A~~ ISSUED AT 1700Z  
JUNE 21 1967

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. ONLY MINOR FLARES HAVE BEEN REPORTED TODAY WITH MOST OF THEM OCCURRING IN THE NORTHEASTERN REGIONS. THE MODERATELY BRIGHT AND COMPACT REGION CENTERED NEAR N18E60 IS NOW FULLY ON THE DISK AND ITS SPOT GROUP TODAY IS CLASS/AREA D/380. THE LARGE REGION NEAR N26E13 AND ITS ASSOCIATED SPOT GROUPS CONTINUE TO DECLINE IN COMPLEXITY AND FLARE PRODUCTIVITY. ENHANCED GREEN CORONA AT THE NORTHEAST LIMB TODAY IS EVIDENTLY ASSOCIATED WITH A REGION DUE TO RETURN THERE ON 23 JUNE. THIS REGION WAS LARGE AND COMPLEX BUT RELATIVELY INACTIVE DURING ITS LAST DISK PASSAGE.

B. MAJOR FLARES ARE NOT EXPECTED ALTHOUGH THEY ARE POSSIBLE FROM THE N18E60 REGION. ADDITIONAL DEVELOPMENT AND INCREASED FLARE PRODUCTIVITY IN THIS REGION MAY INCREASE ITS POTENTIAL FOR MAJOR FLARE ACTIVITY.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JUNE 22-24 ARE AS FOLLOWS/FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/  
IMPORTANCE ONE OR GREATER 100/100/100  
IMPORTANCE TWO OR GREATER 20/25/25  
IMPORTANCE THREE OR GREATER 2/2/2  
PROTON EVENTS 2/2/2

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 119. THE PREDICTED VALUES FOR JUNE 22-24 ARE 121/125/130.