

NNNN

PP KGFF

DE BOU 020500Z

HERE IS THE 0500Z FORECAST FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 547C ISSUED AT 0500Z

JUNE 2, 1967.

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE NEXT

12 HOURS.

BT

NNNNUUU

PRGFF

DE BOU 021100Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 547D ISSUED AT 1100Z

JUNE 02 1967

MAJOR FLARES ARE POSSIBLE BUT NOT LIKELY DURING THE NEXT
12 HOURS.

AN IMPORTANCE 2N FLARE OCCURRED AT N23 W30 AT 0849Z AND WAS
IN PROGRESS AT 0947Z.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 548A ISSUED AT 1700Z
JUNE 2 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. A POSSIBLE IMPORTANCE TWO FLARE OCCURRED AT ABOUT 0839Z
TODAY IN THE REGION NEAR N24 W43. THIS REGION CONTAINS
A MODERATELY LARGE AND BRIGHT PLAGE AND SMALL SCATTERED
SPOTS. ALMOST CONTINUOUS FLUCTUATIONS AND NUMEROUS
SUBFLARES HAVE BEEN OBSERVED IN THE REGION NOW
CENTERED NEAR N24 E17. THE REGION CONTAINS THREE SPOT
GROUPS WHICH FORM A RATHER TIGHT CLUSTER. CONSIDERABLE
DEVELOPMENT IS OCCURRING IN BOTH THE LEADING AND TRAILING
PORTIONS OF THE SPOT CLUSTER AND A POSSIBLE MAGNETIC
DELTA CONFIGURATION EXISTS IN THE TRAILING SPOTS. THE
PLAGE IS LARGE AND MODERATELY BRIGHT AND POSSESS FINE
STRUCTURE INDICATIVE OF MAJOR FLARE POTENTIAL.

B. OCCASSIONAL MAJOR FLARES ARE POSSIBLE PARTICULARLY FROM
THE N24 E17 REGION. THIS REGION HAS NOT PRODUCED SIGNIFICANT
FLARE ACTIVITY AS YET BUT ITS POTENTIAL IS INCREASING.
PROTONS ARE POSSIBLE FROM MAJOR FLARES WHICH ARE CLOSELY
ASSOCIATED WITH THE DELTA PORTION OF THE SPOT GROUP.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD JUNE 3-5 ARE AS FOLLOWS /FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 100/100/100
IMPORTANCE TWO OR GREATER 30/30/30
IMPORTANCE THREE OR GREATER 10/10/10
PROTON EVENTS 10/10/10

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 154
THE PREDICTED VALUES FOR JUNE 3-5 ARE 140/130/125

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO.
SPACE DISTURBANCE FORECAST NUMBER 548B ISSUED 2300Z
JUNE 2 1967.

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS

A. A FLARE AT 1710Z TODAY WAS POSSIBLY IMPORTANCE TWO HOWEVER THE OBSERVATION WAS SOMEWHAT QUESTIONABLE DUE TO WEATHER. THE FLARE WAS NOT WELL CONFIRMED BY INDIRECT DETECTION. IT OCCURRED IN THE REGION NEAR N24 E17. THREE DELTA CONFIGURATIONS HAVE NOW BEEN IDENTIFIED IN THE SPOT GROUPS WITHIN THIS REGION HOWEVER NONE OF THEM ARE STRONG AS YET.

B. MAJOR FLARES ARE POSSIBLE ESPECIALLY FROM THE N24 E17 REGION. GROWTH AND DEVELOPMENT WITHIN THE REGION INDICATE AN INCREASING POTENTIAL FOR MAJOR FLARE ACTIVITY. MAJOR ACTIVITY IS POSSIBLE BUT UNLIKELY FROM REGIONS LOCATED NEAR S19 W20 AND N24 W47.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD JUNE 3-5 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 35/40/40

IMPORTANCE THREE OR GREATER 10/10/10

PROTON EVENTS 10/10/10

D. THE OTTAWA 10.7 CM FLUX TODAY IS 154. THE PREDICTED VALUES FOR JUNE 3-5 ARE 147/143/140.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 4. TODAY IT WILL BE ABOUT 7. THE PREDICTED AP VALUES FOR JUNE 3-5 ARE 3-7/3-7/3-7.