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RR KGFF

DE BOU 070500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 552C ISSUED AT 0500Z

JUNE 7 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

THE MINOR PROTON EVENT WHICH BEGAN AT 06/0630Z HAS BEEN
CONFIRMED BY SATELLITE DETECTIONS AND IS STILL IN PROGRESS.
A MAGNETIC DISTURBANCE BEGAN AT 06/1900Z AND INTENSIFIED
AT 07/0010Z.

BT

NNNNUUUV

PP KGFF

DE BOU 071100Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 552D ISSUED AT 1100Z

JUNE 07 1967

MAJOR FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

SATELLITE SENSORS INDICATE THE PROTON EVENT MAY BE OVER AS OF

ABOUT 07/0900Z BUT THIS IS UNCONFIRMED BY GROUND OBSERVATIONS.

MAGNETIC STORM IS STILL IN PROGRESS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 553A ISSUED AT 1700Z
JUNE 7 1967

MAJOR FLARES ARE POSSIBLE BUT NOT EXPECTED DURING THE
NEXT 12 HOURS

A. NO SOLAR FLARE ACTIVITY HAS BEEN REPORTED SINCE 06/1830Z.

THE REGION NEAR N26 W50 CONTINUES TO BE LARGE AND
RELATIVELY BRIGHT BUT THE SPOT CLUSTER IS DECLINING IN
AREA AND COMPLEXITY. THE POSSIBLE PROTON EVENT DISCUSSED
IN SDF552A AND B HAS BEEN CONFIRMED AS A REAL EVENT.
APPARENTLY COMPOSED PRIMARILY OF LOW ENERGY PROTONS CMM
THE BEST BEGINNING TIME IS ABOUT 06/0630Z AND IT IS IN
PROGRESS BUT DECLINING AT 07/1700Z. THE MAGNETIC
DISTURBANCE WHICH BEGAN 06/1900Z ENDED BY 07/1200Z.

B. MAJOR FLARES ARE STILL POSSIBLE FROM THE SPOT CLUSTER
NEAR N26 W50 UNTIL IT PASSES OFF WEST LIMB ON JUNE 10.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD JUNE 8-10 ARE AS FOLLOWS /FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 100/100/100

IMPORTANCE TWO OR GREATER 25/15/5

IMPORTANCE THREE OR GREATER 5/3/1

PROTON EVENTS 5/3/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 120.

THE PREDICTED VALUES FOR JUNE 8-10 ARE 117/114/104

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 553B ISSUED AT 2300Z
JUNE 07 1967

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

A. ONLY ONE SUBFLARE HAS BEEN REPORTED TODAY FROM A VERY
SMALL SPOT GROUP AT S12E09. ALL OTHER VISIBLE REGIONS
REMAIN INACTIVE.

B. MAJOR FLARES ARE STILL POSSIBLE BUT NOT EXPECTED FROM
THE SPOT CLUSTER AT N26W50. THIS REGION WILL ROTATE OFF
WEST LIMB JUNE 10.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD JUNE 8-10 ARE AS FOLLOWS/FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 100/100/100
IMPORTANCE TWO OR GREATER 25/15/5
IMPORTANCE THREE OR GREATER 5/3/1

PROTON EVENTS 5/3/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS 116. THE PREDICTED
VALUES FOR JUNE 8-10 ARE 112/108/104.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY
WAS 49. TODAY IT WILL BE ABOUT 20. THE PREDICTED AP
RANGES FOR JUNE 8-10 ARE 15-20/15-20/10-15.

BT