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HAXX BOU 010445Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 576C ISSUED JULY 1 1967.

ONLY MINOR SOLAR FLARES ARE EXPECTED DURING THE NEXT

12 HOURS

BT

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PP KGFF

DE BOU 011100Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 576D ISSUED AT 1100Z

JULY 1, 1967.

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 577A ISSUED AT 1700Z
JULY 01, 1967.

ONLY MINOR FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. NO FLARES HAVE BEEN REPORTED TODAY. ALL VISIBLE REGIONS
APPEAR STABLE OR DECLINING. A PROBABLE RELATIVISTIC ELECTRON
PRECIPITATION CMMR REP EVENT CMMR WAS REPORTED FROM ANCHORAGE
BEGINNING ABOUT 0725Z AND ENDING BY 0815Z. A POSSIBLE SMALL
VERY LOW ENERGY PROTON EVENT HAS BEEN REPORTED BY ONE
OBSERVATORY. BOTH OF THESE EVENTS ARE PROBABLY ASSOCIATED
WITH THE REGION AT N17 E86 WHICH HAS BEEN PRODUCING LOW
FREQUENCY CONTINUUM RADIO EMISSION FOR THE PAST 9 DAYS.
THIS REGION WILL PASS OFF WEST LIMB LATER TODAY. A MAGNETIC
DISTURBANCE BEGAN AT 10/0725Z AND IS STILL IN PROGRESS AT
01/1700Z.

B. MAJOR FLARES ARE NOT EXPECTED FROM ANY OF THE VISIBLE
REGIONS. A SMALL FLUX OF LOW ENERGY PROTONS IS POSSIBLE
UNTIL THE REGION AT N17 E86 HAS ROTATED OFF THE DISK.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD JULY 2-4 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 5/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 121. THE
PREDICTED VALUES FOR JULY 2-4 ARE 118/116/116.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 577P ISSUED AT 2300Z
JULY 1, 1967.

ONLY MINOR FLARES EXPECTED DURING THE NEXT 12 HOURS.

A. ONLY ONE SUBFLARE HAS BEEN REPORTED TODAY AT 1643Z FROM
THE REGION AT N17 E86. THERE HAVE BEEN NO FURTHER REPORTS OF
VERY LOW ENERGY PROTONS SINCE THE 1700Z FORECAST. TYPE FOUR
RADIO EMISSION HAS ALSO NOT BEEN OBSERVED SINCE 1800Z.

ALL VISIBLE REGIONS REMAIN INACTIVE. THE MAGNETIC DISTURBANCE
WHICH BEGAN AT 01/0725Z ENDED AT ABOUT 1200Z. MAGNETIC
CONDITIONS MAY REMAIN SLIGHTLY DISTURBED DURING THE NEXT
THREE DAYS.

B. MAJOR FLARES ARE NOT EXPECTED DURING THE NEXT THREE DAYS.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE
DAY PERIOD JULY 2-4 ARE AS FOLLOWS /FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/

IMPORTANCE ONE OR GREATER 90/90/90

IMPORTANCE TWO OR GREATER 10/10/10

IMPORTANCE THREE OR GREATER 1/1/1

PROTON EVENTS 5/1/1

D. THE OTTAWA 10.7 CM FLUX TODAY IS 121. THE PREDICTED
VALUES FOR JULY 2-4 ARE 118/116/116.

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 15.
TODAY IT WILL BE ABOUT 17. THE PREDICTED AP RANGES FOR
JULY 2-4 ARE 10-20/10-20/10-15.

BT