

VNNNUUV

PP KGFF

DE BOU 1310500Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 525C ISSUED AT 0500Z

MAY 11, 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE NEXT 12 HOURS

BT

NNNNNNNUUV

PP KGFF

DE BOU 111100Z

THIS IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 525D ISSUED 1100Z

MAY 11, 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED FOR THE NEXT 12 HOURS.

BT

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SPACE DISTURBANCE FORECAST NUMBER 526A ISSUED AT 1700Z
MAY 11 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE
NEXT 12 HOURS

A. SOLAR ACTIVITY IS VERY LOW WITH ONLY TWO SPOT GROUPS VISIBLE TODAY. A NEWLY OBSERVED SPOT GROUP AT N25 E80 IS CLASS/AREA J/80. IT IS ASSOCIATED WITH A FAINT SCATTERED PLAGE. THIS REGION APPEARS TO BE DECAYING. THE REGION CONTAINING THE H/250 SPOT GROUP AT N22 W53 REMAINS VERY STABLE. THE SPOT GROUP PREVIOUSLY OBSERVED IN THE REGION AT S25 E42 HAS VANISHED ALTHOUGH THE PLAGE REMAINS MODERATELY BRIGHT. THE 10/1147Z FLARE DISCUSSED IN SDF 525B HAS BEEN PARTIALLY CONFIRMED BY REPORTS OF STRONG IONOSPHERIC EFFECTS BEGINNING AT 10/1202Z. 10 CM RADIO FLUX IS THE LOWEST OBSERVED SINCE 02 DECEMBER 1966.

B. MAJOR FLARES ARE NOT EXPECTED. THE REGION AT NORTHEAST LIMB MARKS THE BEGINNING OF A BAND OF SOLAR LONGITUDES WHICH CONTAINED SCATTERED PLAGE LAST ROTATION. NO MAJOR ACTIVE CENTERS ARE EXPECTED TO RETURN DURING THE FORECAST PERIOD.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE THREE DAY PERIOD MAY 12-14 ARE AS FOLLOWS /FIGURES ARE PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 75/75/80
IMPORTANCE TWO OR GREATER 2/2/2
IMPORTANCE THREE OR GREATER 0/0/0
PROTON EVENTS 0/0/0

D. THE OTTAWA 10.7 CM FLUX TODAY IS ESTIMATED TO BE 104.
THE PREDICTED VALUES FOR MAY 12-14 ARE 102/103/104

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SPACE DISTURBANCE FORECAST NUMBER 526B ISSUED AT 2300Z

MAY 11 1967

NO SIGNIFICANT ACTIVITY IS EXPECTED DURING THE
NEXT 12 HOURS.

A. NO FLARES HAVE BEEN REPORTED SINCE 1228Z TODAY.
THE ONLY SIGNIFICANT SOLAR ACTIVITY REPORTED HAS
BEEN A RAPID PLAGE DEVELOPMENT AND ACTIVE FILAMENT IN
THE REGION AT S25 E50. A TYPE A SPOT GROUP HAD
DISAPPEARED IN THIS REGION EARLIER TODAY.

B. MAJOR FLARES ARE NOT EXPECTED. MINOR FLARES
MAY OCCUR DUE TO DEVELOPMENT IN THE ABOVE MENTIONED
REGION.

C. THE PROBABILITIES FOR FLARES AND PROTON EVENTS FOR THE
THREE DAY PERIOD MAY 12-14 ARE AS FOLLOWS /FIGURES ARE
PERCENTAGES FOR EACH OF THE THREE DAYS/
IMPORTANCE ONE OR GREATER 75/75/80
IMPORTANCE TWO OR GREATER 2/2/2
IMPORTANCE THREE OR GREATER 0/0/0
PROTON EVENTS 0/0/0

D. THE OTTAWA 10.7 CM FLUX TODAY IS 104. THE PREDICTED
VALUES FOR MAY 12-14 ARE 102/103/104

E. THE FREDERICKSBURG MAGNETIC A INDEX FOR YESTERDAY WAS 7.
TODAY IT WILL BE ABOUT 10. THE PREDICTED AP VALUES FOR
MAY 12-14 ARE 6/4/4

BT