

NNNNUUUV
PP KGFF
DE BOU 151730Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 262A ISSUED 1700Z 15 MAY 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT SIX HOURS

A. SUBFLARE ACTIVITY HAS BEEN REPORTED AT A HIGH RATE FROM THE REGION CURRENTLY AT N18W27. FLARE PRODUCTION, INCLUDING AN IMPORTANCE ONE BEGINNING 15/1406Z, HAS ALSO BEEN RECORDED AT A HIGH RATE FROM THE REGION AT N12W01. THE FIRST REGION ABOVE IS YOUNG AND GROWING VIGOROUSLY. A MAGNETIC STORM BEGAN WITH A SUDDEN COMMENCEMENT AT 14/1930Z. A FORBUSH DECREASE OF ABOUT 6 PERCENT IS ASSOCIATED WITH THIS STORM. PROTON FLUXES AT SATELLITE HEIGHT OFFER NO CLEAR PICTURE IN LOW ENERGY RANGES. HIGH ENERGY FLUXES ARE AT BACKGROUND.

B. CLASS M FLARES ARE EPXECTED FROM N18W27 AND N12W01 REGIONS. GEOMAGNETIC STORM IS EXPECTED TO CONTI

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14/1700Z ENDING 18/1700Z.

CLASS M OR GREATER 70/70/70

CLASS X 15/15/15

PROTON EVENTS 15/15/15

D. OTTAWA 10.7 CM FLUX TODAY IS 155. PREDICTED 155/155/155.

E. N/A.

F. KP ESTIMATED FOR 1200-1500Z WAS 6. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3; X/X/X/X/X/X/X/X.

SOLTERWARN

BT

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PP KGFF

DE BOU 152334Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 262B ISSUED 2300Z 15 MAY 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 18 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL WITH ONLY SUBFLARES DURING THE PAST 6 HOURS. THE MAGNETIC STORM CONTINUES BUT IS DECLINING AND WILL RETURN TO MORE NORMAL LEVELS DURING THIS FORECAST PERIOD. THE FORBUSH DECREASE CONTINUES AT ABOUT 7.6 PER CENT.

B. C AND D REMAIN UNCHANGED FROM SDF 262A.

E. MAGNETIC A-FREDERICKSBURG FOR 14 MAY WAS 40. FOR 15 MAY ABOUT 54 PREDICTED AP FOR 16-18 MAY, 20/10/10.

SOLTERWARN

BT

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