

UUU

PP KGFF

DE BOU 141730Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 261A ISSUED 1700Z 14 MAY 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT SIX HOURS

A. SUBFLARE ACTIVITY HAS INCREASED CONSIDERABLY IN THE LAST 18 HOURS, BUT NONE OF THE REPORTED FLARES HAVE BEEN IN THE CLASS M ENERGY RANGE. AN IMPORTANT ONE FLARE FROM N11E15 BEGINNING 14/0256Z AND A SUBFLARE FROM N09W04 BEGINNING 14/0042Z APPEAR TO HAVE BEEN THE MOST ENERGETIC FLARES SINCE SDF 260B. THE MAGNETIC STORM WHICH BEGAN GRADUALLY AT 12/18XXZ APPEARS OVER. LOW ENERGY PROTONS SEEM ENHANCED AT SATELLITE HEIGHT, ALTHOUGH DATA FROM SEVERAL SATELLITES APPEARS INCONSISTENT AT THIS TIME. THULE RIOMETER MAY BE VERY SLIGHTLY ABSORBED /OF ORDER 0.5DB/.

B. CLASS M FLARES ARE EXPECTED FROM N09W17 AND N13E18 REGIONS. GEOMAGNETIC FIELD IS EXPECTED TO BE QUIETING.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14/1700Z ENDING 17/1700Z.

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 154. PREDICTED 155/155/155.

E. N/A.

F. KP ESTIMATED FOR 1200-1500Z WAS 2. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3; 2/2/2/2/2/2/2/2.

SOLTERWARN

BT

NNNNV
PP BOU
DE KGFF 14/2135Z

OPN NCGVNNNNV
PP BOU
DE KGFF 14/2135Z

OPN NCG714,,,UUV
PP KGFF
DE BOU 142325Z

HERE IS THE MSG FOR REFILE
FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 261B ISSUED 2300Z MAY 14 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. SUBFLARE ACTIVITY CONTINUES AT A MODERATE RATE WITH ONLY CLASS C EVENTS OBSERVED. THE NE COMPLEX OF REGIONS HAVE REMAINED UNCHANGED WITH THE EXCEPTION OF THE GROWING REGION AT N10W18. SATELLITE DATA SHOWS HIGH PROTON COUNTING RATES IN THE 3-20 MEV RANGE AS OF 14/2100Z. ALASKAN RIOMETERS HAVE BEEN NOISY THE PAST 24 HOURS AND HAVE EXPERIENCED A SHARP ABORPTION AT 14/1955Z WITH A MAXIMUM OF 7.0 DB AT COLLEGE AT 14/2007Z. A SUDDEN COMMENCEMENT BEGAN AT 14/1930Z WITH THE MAGNETIC FIELD CURRENTLY QUIET DISTURBED.

B. CLASS M FLARES ARE EXPECTED FROM THE N09W20 AND N13E15 REGIONS. THE GEOMAGNETIC FIELD IS EXPECTED TO BE DISTURBED DURING THE NEXT 3 DAYS WITH MINOR QUIET PERIODS INTERVENING.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14/2300Z ENDING 17/2300Z.

CLASS M OR GREATER 70/70/70

CLASS X 15/15/15

PROTON EVENTS 15/15/15

E. MAGNETIC A-FREDERICKSBURG FOR 13 MAY WAS 28. FOR 14 MAY ABOUT 30 PREDICTED AP FOR 15-17 MAY, 20/35/30.

SOLTERWARN

BT