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PP KGFF

DE BOH 101735Z

HERE IS THE MESSAGE FOR PFFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER, COLORADO.

SDF NUMBER 257A ISSUED 1700Z 10 MAY 1969

CLASS C FLARES ARE EXPECTED IN THE NEXT SIX HOURS.

A. SO FAR AS CAN BE DETERMINED CURRENTLY, ONLY POLES AND SCATTERED PLAGE ARE VISIBLE AT N26E30 IN THE POSITION OF THE RETURNING REGION RESPONSIBLE FOR THE PROTON EVENTS OF LATE MARCH AND MID-APRIL. BRIGHT GREEN CORONAL EMISSION HAS BEEN REPORTED SINCE 07 MAY, BUT 9.1CM RADIO BRIGHTNESS IS MODERATE. PRODUCTION OF MINOR FLARES FROM REGIONS AT N68E31 AND N17E55 INDICATES POTENTIAL INTEREST, ALTHOUGH IN WHITE LIGHT THESE REGIONS APPEAR SMALL AND YOUNG. GROWTH AND MINOR FLARE ACTIVITY IS REPORTED IN THE REGION AT S18W61. THE GEOMAGNETIC FIELD IS QUIET AT MIDDLE LATITUDES, ALTHOUGH A TRANSIENT FLUCTUATION AT HIGH LATITUDES WAS REPORTED ABOUT 8 HOURS AGO. PROTON FLUXES IN ALL ENERGY RANGES ARE LOW OR AT BACKGROUND NEAR EARTH.

B. CROSSING NEW ACTIVE CENTERS CROSSING EAST LIME, ONLY CLASS C ACTIVITY IS EXPECTED. A MINOR GEOMAGNETIC TRANSIENT SHOULD OCCUR BEGINNING 11/0000Z APPROXIMATELY BASED ON PIONEER VII DATA.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 10 MAY/1700Z ENDING 13/1700Z.

CLASS M OR GREATER 50/50/50

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTAWA 10.7 CM FLUX TODAY IS 135. PREDICTED 138/143/151.

E. KP ESTIMATED FOR 1200-1500Z WAS 02. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3 2/2/2/2/2/2/2/2.

SOLTEPHARM

PT

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PP KGFF

DE BOU 102300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 257B ISSUED 2300Z 10 MAY 1969

CLASS C FLARES ARE EXPECTED IN THE NEXT 18 HOURS.

SECTIONS A B C AND D REMAIN UNCHANGFD FROM SDF 257A.

E. MAGNETIC A-FREDERICKSBURG FOR 09 MAY WAS 11. FOR 10 MAY ABOUT 09.

PREDICTED AP FOR 11-13 MAY ALL UNDER 10.

BT