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PP KGFF  
DE ROU 021740Z  
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 219A ISSUED 1700Z APRIL 02 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 6 HOURS.

A. A NEW REGION OF CONSIDERABLE SIZE IS ROTATING ONTO THE VISIBLE DISK AT SE 10-13. THE OLDER REGION AT N09W02 IS OBSERVED TO BE EVOLVING TO A SIMPLER MAGNETIC CONFIGURATION. FIELD STRENGTHS, AS EVIDENCED BY UMBRAL DARKNESS, APPEAR TO BE DECREASING, ALTHOUGH 10CM RADIO FLUX REMAINS QUITE HIGH. PROTON FLUXES AT SATELLITE HEIGHTS ARE STILL ENHANCED FROM THE EVENT STARTING 30/0749Z AND SOME ABSORPTION - OF ORDER 0.5DB - IS STILL IN EVIDENCE ACROSS THE POLAR CAP. THE GEOMAGNETIC FIELD IS DISTURBED.

B. IT IS DESIRABLE NOT TO DISCOUNT THE POTENTIAL OF THE N09W02 REGION AS YET, ALTHOUGH EVIDENCE OF DECAY IS MOUNTING. IT APPEARS A LIKELY PRODUCER OF CLASS M EVENTS, ALTHOUGH CLASS X EVENTS ARE CLEARLY POSSIBLE.

FORECASTS FOR APRIL 03-05

C. DAILY PERCENT PROBABILITIES FOR FLARES AND PROTON EVENTS

CLASS M OR GREATER 70/70/70

CLASS X 30/25/20

PROTON EVENTS 30/20/20

D. OTTAWA 10.7 CM FLUX TODAY IS 192. PREDICTED 195-195-195.

F. N/A.

F. KP ESTIMATED FOR 1200-1500Z WAS 3. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3; 3-3-3-3-3-2-2-3.

BT

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NNNNHUU  
PP KGFF  
DE ROU 022305Z  
HERE IS THE MESSAGE FOR PROFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 219P ISSUED 2300Z 02 APRIL 1969  
CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS  
A. AN OPTICALLY IMPORTANCE 2M FLARE BEGAN AT 02/1817Z WITH  
MAXIMUM AT 1845Z. BY 1903Z, IT SPREAD ALONG TWO PARALLEL  
RIBBONS AND APPROACHED A CLASS 3 IN AREA. IONOSPHERIC EVVECTIS,  
HOWEVER, WERE SMALL. THE REGION AT N10W02 HAS CHANGED LITTLE  
DURING THE DAY. IMPORTANCE ONE FLARES OCCURRED AT 02/0244Z  
AND 02/1746Z.  
PARTS B, C, D, AND E REMAIN UNCHANGED FROM SDF 219A.  
E. MAGNETIC A-FREDERICKSBURG FCP 01 APR WAS 13. FOR 02 APR  
ABOUT 15. PREDICTED AP FOR 03-05 APR 15/15/10.  
SOLTERWARN  
BT