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PP KGFF
DE BOU 031727Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 281A ISSUED 1700Z 03 JUNE 1969

CLASS M FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. ACTIVITY DURING THE PAST 18 HOURS WAS HIGHLIGHTED BY OPTICALLY SMALL BUT ENERGETIC EVENTS AT 03/0423Z (IMP SUBNORMAL NEAR N17E88) AND 03/0618Z (IMP SUB FAINT NEAR S08E37). DATA PRESENTLY AVAILABLE INDICATE THAT THE FIRST WAS SMALL CLASS M AND THE SECOND WAS MEDIUM-SIZED M. AN IMP ONE NORMAL FLARE WAS REPORTED AT 03/0303Z NEAR S17E85 AND AN IMP ONE FAINT OCCURRED AT 03/0716Z NEAR N05E79. GENERALLY, ACTIVITY REMAINS AT A LOW LEVEL. SMALL ACTIVE REGIONS ARE CURRENTLY LOCATED NEAR N08W33, N12E54, N17E72, N14E60, N09E75, S14E01, S10E06, AND S07E31. LIMB ACTIVITY CONTINUES NEAR NE 03-15, INCLUDING POSSIBLE LOOPS AND CORONAL RAIN, WHICH INDICATES MORE REGIONS CAN BE EXPECTED HERE. FREQUENT LIMB ACTIVITY IS ALSO REPORTED NEAR SE15 WHERE BRIGHT PLAGE BUT NO SPOTS ARE VISIBLE. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. THE FREQUENCY OF OPTICALLY SMALL BUT ENERGETIC FLARES IS EXPECTED TO INCREASE AS REGIONS CONTINUE TO APPEAR AT NE AND SE LIMB. SO FAR NO VISIBLE REGION HAS MAJOR FLARE POTENTIAL. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN QUIET FOR THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 JUNE/1700Z ENDING 06/1700Z.

CLASS M OR GREATER 40/45/50

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX TODAY IS 130. PREDICTED 135/140/145.

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

SOLTERWARN

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NNNNUUU
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THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 281B ISSUED 2300Z 03 JUNE 1969
CLASS M FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS.
A. NO SIGNIFICANT ACTIVITY PAST SIX HOURS. ACTIVITY CONTINUES NE
LIMB. GEOMAGNETIC FIELD REMAINS QUIET.
SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 281A.
E. MAGNETIC A-FREDERICKSBURG FOR 02 JUNE WAS 09. FOR 03 JUNE ABOUT
05. PREDICTED AP FOR 04-06 JUNE 8/10/10.
BT