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PP KGFF
DE BOU 161615Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 294A ISSUED 1700Z 16 JUNE 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS

A. ACTIVITY CONTINUES AT A LOW LEVEL. AN IMP SUB FAINT
FLARE AT 16/1240Z IN THE LARGE REGION NEAR S14W85 WAS SMALL
CLASS M. THIS REGION IS NOW TOO CLOSE TO WEST LIMB FOR
ACCURATE EVALUATION, BUT APPARENTLY REMAINS MAGNETICALLY
COMPLEX BUT STABLE AND POSSIBLY DECLINING. A REGION NEAR
N10E35 IS CURRENTLY THE BRIGHTEST FEATURE ON THE DISK AND
CONTAINS SEVERAL SMALL ARCH-TYPE FILAMENTS, BUT IT IS MAG-
NETICALLY SIMPLE. MOST REGIONS ARE RELATIVELY STABLE OR
DECLINING. NO SIGNIFICANT FAST LIMB ACTIVITY HAS BEEN
REPORTED. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. CLASS X FLARES MUST BE CONSIDERED POSSIBLE FROM THE
S14W85 REGION UNTIL IT COMPLETES WEST LIMB PASSAGE.
ACTIVITY IS EXPECTED TO REACH A VERY LOW LEVEL FOLLOWING LIMB
PASSAGE OF THIS REGION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE
24 HOUR PERIODS BEGINNING 16/1600Z ENDING 19/1700Z.

CLASS M OR GREATER 90/80/70

CLASS X 30/20/05

PROTON EVENTS 30/20/05

D. OTTAWA 10.7 CM FLUX TODAY IS 169. PREDICTED 155/145/140.

E. N/A.

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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NNNNUUUV
PP KGFF
DE BOU 162300Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 294A ISSUED 2300." 16 JUNE 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. A CLASS M EVENT, IMPORT NCE SB, WAS OBSERVED AT 16/2021Z AT
SI3W38 AND PRODUCED MODERATE X-RAY AND IONOSPHERIC EFFECTS.

LOOPS FOLLOWED THIS FLARE AT 16/2116Z. MINOR SURGES HAVE BEEN
OBSERVED AT NE12-15. ALL OTHER REGIONS ARE STABLE THE GEOMAGNETIC
FIELD IS SLIGHTLY DISTURBED.

PARTS B, C, D, REMAIN UNCHANGED FROM SDF 294A

E. MAGNETIC A-FREDERICKSBURG FOR 15 JUNE WAS 09. FOR 16 JUNE ABOUT
19 PRELBWEJHR"0 194 17-19 JUNE, 15/10/10.

SOLTERWARN

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