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NNNN1654  
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KMSC PP KGFF  
DE BOU 271700Z

HERE IS THE MSG FOR REFILE  
FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 335A ISSUED 1700Z 27 JULY 1969

CLASS M FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL. NO SIGNIFICANT ACTIVITY HAS BEEN OBSERVED SINCE 14 JULY. THE ONLY TWO REGIONS CURRENTLY OF INTEREST ARE LOCATED NEAR S15E33 AND S07E60. THE MAIN SPOTS IN THE S15E33 REGION HAVE SHOWN LITTLE CHANGE BUT NUMEROUS SMALL SPOTS HAVE DEVELOPED BETWEEN THE LEADER AND FOLLOWER. THE REGION IS NOW TYPE/AREA D/240. AN ACTIVE EMBEDDED FILAMENT IN THIS REGION HAS BEEN CHANGING SHAPE AND ITS PRESENT CONFIGURATION INDICATES THAT THE REGION IS BECOMING MAGNETICALLY MORE COMPLEX. THE SPOTS ASSOCIATED WITH THE S07E60 REGION HAVE INCREASED IN BOTH SIZE AND NUMBER AND THE REGION IS NOW D/120. THE PLAGE HERE HAS BEEN AT NEAR FLARE BRIGHTNESS AND FLUCTUATING. MINOR SURGES NEAR SE12 MAY BE THE FIRST INDICATION OF THE RETURN OF THE S15L094 REGION. A MINOR MAGNETIC STORM FOLLOWED THE SUDDEN COMMENCEMENT AT 26/1154Z. THE MAGNETIC FIELD IS STILL SLIGHTLY DISTURBED.

B. THE LEVEL OF SOLAR ACTIVITY IS EXPECTED TO INCREASE, BUT STILL REMAIN AT A RELATIVELY LOW LEVEL, DURING THE NEXT 72 HOURS. SMALL CLASS M FLARES ARE POSSIBLE FROM THE S15E33 AND S07E60 REGIONS. LIMB ACTIVITY, POSSIBLY ENERGETIC, IS EXPECTED FROM THE S15L094 REGION. THE GEOMAGNETIC FIELD IS EXPECTED TO CONTINUE TO SHOW BRIEF PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27/1700Z ENDING 30/1700Z.

CLASS M OR GREATER 40/50/50

CLASS X 5/5/5

PROTON EVENTS 5/5/5

D. OTTAWA 10.7 CM FLUX AT 1400Z TODAY WAS 120. PREDICTED 130/140/150.

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

KMSC PP KGFF  
DE BOU 272300Z  
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO  
SDF NUMBER 335B ISSUED 2300Z 27 JULY 1969

CLASS M FLARES ARE POSSIBLE DURING THE NEXT 18 HOURS.

A. ONLY MINOR ACTIVITY OBSERVED DURING THE PAST 6 HOURS. THE S15E33  
AND S07E60 REGIONS CONTINUE TO DEVELOP AND BOTH REGIONS ARE INCREAS-  
ING IN POTENTIAL. THE GEOMAGNETIC FIELD REMAINS SLIGHTLY DISTURBED.  
SECTION B REMAINS UNCHANGED FROM SDF 335A.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR  
PERIODS BEGINNING 27 JULY/2300Z ENDING 30/2300Z.

CLASS M OR GREATER 50/60/60

CLASS X 5/10/10

PROTON EVENTS 5/10/10

D. OTTAWA 10.7 CM FLUX AT 1700Z TODAY WAS 123.

E. MAGNETIC A-FREDERICKSBURG FOR 26 JULY WAS 18. FOR 27 JULY ABOUT  
30. PREDICTED AP FOR 28-30 JULY 15/10/10.

BT