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PP KGFF

DE BOU 101730Z

HEFF IS THE MSG FOR PROFILE

FROM SPACE DISTURBANCE FORECAST CENTER FSSA BOULDER COLO
SDF NUMBER 288A ISSUED 1700Z 10 JUNE 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 12 HOURS.

A. SOLAR ACTIVITY HAS DECREASED DURING THE PAST 6 HOURS WITH ONLY CLASS C SUPERFLARES BEING OBSERVED. THE REGION AT S14W06 HAS ADDED CONSIDERABLE PENUMBRAL AREA IN THE MIDDLE PORTIONS OF SPOT GROUPS. THIS REGION CONTINUES TO SHOW STRONG FIBRIL PATTERNS, PLAGE BRIGHTENINGS ALONG THE NEUTRAL LINE AND IS A VERY HOT 9.1 CM RADIO NOISE SOURCE. ALL THE OTHER REGIONS HAVE CHANGED LITTLE. A 184 MHZ SOLAR RADIO NOISE STORM IS CURRENTLY IN PROGRESS. THE DEEP RIVER NEUTRON COUNTING RATES ARE CURRENTLY DEPRESSED BY 4 PER CENT. THE GEOMAGNETIC FIELD IS ONLY SLIGHTLY DISTURBED.

B. CLASS M FLARES ARE EXPECTED FROM THE REGIONS AT S14W06 AND N16F11. CLASS X FLARES ARE POSSIBLE FROM BOTH OF THESE REGIONS, BUT IT SHOULD BE NOTED THAT BOTH ARE LEADER-DOMINANT SPOT GROUPS AND IN THE PAST, SUCH GROUPS WERE NOT MAJOR FLARE PRODUCERS.

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

CLASS M OR GREATER 90/90/90

CLASS X 50/50/50

PROTON EVENTS 30/30/30

D. OTTAWA 10.7 CM FLUX TODAY IS 236. PREDICTED 230/225/220

E. 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.

SOLTEPWAPM

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PP KGFF
DE ROU 102300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 288R ISSUED 2300Z 10 JUNE 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. AN IMPORTANCE 1N FLARE WAS OBSERVED AT 10/1854Z AT N12W09. THIS FLARE PRODUCED ONLY A SMALL, SIMPLE THREE RADIO BURST AND IS A PROBABLE CLASS C EVENT. THE LARGE REGION AT S14W10 HAS BEEN RELATIVELY INACTIVE THE PAST 6 HOURS. THE PENUMBRA IS ALMOST CONTINUOUS FROM LEADER TO FOLLOWER IN THIS REGION. THE GEOMAGNETIC FIELD IS MODERATELY DISTURBED.

SECTIONS B C AND D REMAIN UNCHANGED FROM SDF 288A.

E. MAGNETIC A-FREDERICKSBURG FOR 9 JUNE WAS 13. FOR 10 JUNE ABOUT 15. PREDICTED AP FOR 11-13 JUNE 8/8/15.

BT