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PP KGFF
DE BOU 301720Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 308A ISSUED 1700Z 30 JUNE 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 6 HOURS.

A. SOLAR ACTIVITY IS DEFINITELY INCREASING IN TERMS OF FLARE AND BSL ACTIVITY. AN IMPORTANCE 2 BSL WAS OBSERVED AT S10E1 AT 30/1630Z MARKING THE RETURN OF A PREVIOUSLY ACTIVE CENTER. THIS REGION IS CURRENTLY THE MOST DYNAMIC FEATURE ON THE DISK WITH BSL'S, CORONAL RAIN AND LOOPS. A LARGE SUNSPOT HAS JUST ROTATED OVER EAST LIMB AT N13E88, BUT HAS SHOWN LITTLE ACTIVITY WITH THE EXCEPTION OF AN IMPORTANCE 1B CLASS C FLARE AT 30/0250Z AT N10E90. THE REGION AT S09E04, ALTHOUGH FAIRLY LARGE (D-TYPE/320), IS STABLE WITH A CLEARLY DEFINED NEUTRAL LINE.

B. BASED ON ITS DYNAMIC LIMB ACTIVITY, THE S10E1 REGION SHOULD BE PRODUCING CLASS M EVENTS AND POSSIBLE CLASS X ACTIVITY WITHIN THE NEXT 3 DAYS. THE NE COMPLEX DOES NOT APPEAR AS POTENTIALLY AS DANGEROUS AS THE SE LIMB REGIONS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 30/1700Z ENDING 03/1700Z.

CLASS M OR GREATER 30/40/50

CLASS X 5/10/15

PROTON EVENTS 5/10/15

D. OTTAWA 10.7 CM FLUX AT 1400Z IS 132.9 PREDICTED 145/155/165.

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

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DE BOU 302310Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 308B ISSUED 2300Z 30 JUNE 1969

CLASS C FLARES ARE PROBABLE IN THE NEXT 18 HOURS.

A. MINOR FLARE ACTIVITY CONTINUES AT A REASONABLY RAPID PACE.
ACTIVITY HAS BEEN RATHER WIDELY DISTRIBUTED AMONG A NUMBER OF
ACTIVE REGIONS. RAPID GROWTH OF SPOTS IS APPARENT IN S12E73
REGION. MINOR FLARE BEGINNING 30/1825Z WAS IN NEW REGION NEAR
S23W80. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. RETURN OF MAJOR REGIONS TO EL (NE10-20) EXPECTED TO CONTINUE
FOR NEXT THREE DAYS. REGIONS CURRENTLY ON DISK DO NOT INDICATE
M-EVENT POTENTIAL IN NEXT 18 HOURS.

SECTION C REMAINS UNCHANGED FROM SDF 308A.

DZ. OTTAWA 10.7 CM FLUX AT 1700Z TODAY WAS 135.

E. MAGNETIC A-FREDERICKSBURG FOR 29 JUNE WAS 04. FOR 30 JUNE
ABOUT 08. PREDICTED AP FOR 1-3 JULY 8/8/5.

BT