

NNNUUV
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 S10EL
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 S10EL 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.

SOLTERWARN
BT

UVV
PP KGFF
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