

NNNN1702

NNNN

HAUS UVN 031700Z

THE MOST SIGNIFICANT RGNS THIS MORNING ARE 454, 465, 475 AND 476
IN THAT ORDERNNNN1703

NNNN

KMSC

PP KGFF

DE BOU 031700Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 342A ISSUED 1700Z 03 AUGUST 1969

CLASS M FLARES ARE POSSIBLE DURING THE NEXT SIX HOURS.

A. SOLAR ACTIVITY HAS DECLINED CONSIDERABLY DURING THE PAST 18 HOURS. AN IMP ONE NORMAL FLARE IN THE REGION NEAR S07W34 AT 03/0134Z IS TENTATIVELY CLASSIFIED AS SMALL CLASS M. THE S07W34 REGION HAS SHOWN SLIGHT DECLINE IN PLAGE AREA AND INTENSITY AND SOME SPOT REORIENTATION. THE REGION REMAINS MAGNETICALLY COMPLEX. A SMALL ACTIVE FILAMENT IS LOCATED 10-15 DEG NW OF THIS REGION. THE LEADING SPOT IN THE S10E24 REGION HAS BROKEN UP INTO THREE SEPARATE UMBRAE WITH PENUMBRA. THIS REGION IS NOW MAGNETICALLY SIMPLE BETA AND THE PLAGE IS UNIMPRESSIVE. THE N14W26 REGION CONTINUES TO DEVELOP SLOWLY. IN GENERAL, THE DISK APPEARS LESS THREATENING THAN 24 HOURS AGO. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. THE S07W34 REGION REMAINS A POTENTIAL SOURCE OF MAJOR ACTIVITY, BUT THE PROBABILITY OF SUCH ACTIVITY IS CONSIDERED TO BE REDUCED FOR THE NEXT 12 HOURS. INFREQUENT CLASS M ACTIVITY IS ANTICIPATED TO CONTINUE FOR THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING AUGUST 03/1700Z ENDING 06/1700Z.

CLASS M OR GREATER 80/90/90

CLASS X 40/50/50

PROTON EVENTS 40/50/50

D. OTTAWA 10.7 CM FLUX TODAY AT 1400Z WAS 182. PREDICTED 190/190/190.

E. N/A

F. KP ESTIMATED FOR 1200-1500Z WAS 02. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3; 2/2/2/2/3/3/3/3.

SOLTERWARM

BT

NNNN2258
NNNN
KMSC PP KGFF
DE BLDR 032300Z
THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 342B ISSUED 2320Z 03 AUG 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. ACTIVITY HAS BEEN AT A LOW LEVEL THE PAST 6 HOURS WITH ONLY FOUR CLASS C SUBFLARES REPORTED. ONLY ONE OF THESE FLARES OCCURRED IN THE LARGE COMPLEX NEAR S07W34 WHICH HAS BEEN SURPRISINGLY INACTIVE. MINOR LIMB ACTIVITY IS ACCOMPANYING A DEPARTING REGION IN THE SW AND A RETURNING REGION NEAR NE20. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 342A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 183. PREDICTED 190/185/185.

E. MAGNETIC A-FREDERICKSBURG FOR 02 AUG WAS 04. FOR 03 AUG ABOUT 08. PREDICTED AP FOR 04-06 AUG 10/10/10.

BT