

NNNN1731

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KMSC

HAUS BOU 041725Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 343A ISSUED 1700Z 04 AUG 1969

CLASS M FLARES ARE POSSIBLE DURING THE NEXT 12 HOURS.

A. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL THE PAST 36 HOURS.

THE LARGE, MAGNETICALLY COMPLEX REGION NEAR S07W48 IS DECAYING
SLOWLY AND HAS BEEN DORMANT FOR 20 HOURS. THE PLAGE AND
ABSORPTION FEATURES ASSOCIATED WITH THE NORTHERN PART OF THE REGION
HAVE ASSUMED A HORSESHOE SHAPE, OPEN TO THE WEST, AROUND THE
MAIN FOLLOWER SPOT. THE REGION NEAR S11E11 HAS ALSO SHOWN SPOT
DECAY AND THE PLAGE HAS BECOME MORE SCATTERED. THE N14W40 REGION
CONTINUES TO DEVELOP SLOWLY AND E-W FILAMENTS BETWEEN ITS LEADER
AND FOLLOWER SPOTS REMAIN INTERMITTENTLY ACTIVE. A GROWING
REGION NEAR S23E29 IS CURRENTLY THE BRIGHTEST DISK FEATURE. THREE

NEW A-TYPE SPOT GROUPS WITH FAINT AND SCATTERED PLAGE ARE LOCATED
BETWEEN N13-18 AND E63-82. THE GEOMAGNETIC FIELD IS SLIGHTLY
DISTURBED.

B. INFREQUENT CLASS M FLARES ARE EXPECTED DURING THE NEXT 72 HOURS.
UNLESS SOME REJUVENATION OCCURS, MAJOR ACTIVITY IN THE S07W48
REGION NOW SEEMS UNLIKELY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR
PERIODS BEGINNING 04 AUG/1700Z ENDING 07/1700Z.

CLASS M OR GREATER 80/80/80

CLASS X 20/20/20

PROTON EVENTS 20/20/20

D. OTTAWA 10.7 CM FLUX AT 1400Z TODAY WAS 188. PREDICTED 185/180/180.

E. KP ESTIMATED FOR 1200-1500Z WAS 3. KP FORECAST FOR NEXT 24
HOURS PER KP 15.3 3/3/3/3/3/3/3/3.

BT

KMSC PP KGFF
DE BOU 042300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 343B ISSUED 2300Z 04 AUG 1969
CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.
SECTIONS A B AND C REMAIN UNCHANGED FROM SDF 343A.
D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 183.
E. MAGNETIC A-FREDERICKSBURG FOR 03 AUG WAS 10. FOR 04 AUG ABOUT 11.
PREDICTED AP FOR 05-07 AUG 10/10/10.
BT