

NNNN1700

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KMSC PP KGFF

DE BOU 221700Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 361A ISSUED 1700Z 22 AUG 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 6 HOURS.

A. HIGHLIGHTS FOR THE PERIOD 15-21 AUGUST 1969 CLN

UNTIL THE END OF THE WEEK, THE REGIONS VISIBLE ON THE DISK COULD BE DISMISSED AS HARDLY INTERESTING. TODAY, A REGION CLEARED THE EAST LIMB AT N13(L128), CLIMAXING SEVERAL DAYS OF LIMB ACTIVITY. THE REGION IS MAGNETICALLY COMPLEX (PERHAPS OF DELTA CONFIGURATION), OF GOOD EXTENT (NEAR 80 IN LONGITUDE, AND AREA OF 400 MILLIONTHS) AND APPEARS SOMEWHAT UNSTABLE, HAVING PRODUCED THE FIRST CLASS M FLARE OF THE WEEK BEGINNING 21/1412Z. THE REGION IS SOMEWHAT AHEAD (IN LONGITUDE) OF THE ACTIVE CENTER OF LAST ROTATION, AND IS THOUGHT TO REPRESENT NEW GROWTH. ALL OTHER REGIONS ON THE DISK ARE NEGLIGIBLE. SPORADIC GEOMAGNETIC DISTURBANCE, NOT OF STORM PROPORTION, WAS NOTED THROUGHOUT THE WEEK.

B. FORECAST FOR THE WEEK 23-29 AUGUST 1969 CLN

FLARE ACTIVITY IS EXPECTED TO BE ENHANCED IN N13(L128) REGION ALL WEEK. CLASS M FLARES ARE EXPECTED (5 TO 10 DURING THE WEEK) AND CLASS X IS POSSIBLE.

28-DAY FORECAST FOR 23 AUGUST-19 SEPTEMBER 1969 CLN

FLARE ACTIVITY IS EXPECTED TO BE ENHANCED DURING THE PERIOD 23 AUGUST-6 SEPTEMBER.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 22/1700Z ENDING 25/1700Z.

CLASS M OR GREATER 70/70/80

CLASS X 5/5/5

PROTON EVENTS 5/5/5

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 120.

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.

SOLTERWARN

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KMSC PP KGFF
DE BOU 222300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 361B ISSUED 2300Z 22 AUGUST 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT EIGHTEEN HOURS.

A. FLARE ACTIVITY CONTINUES AT A RAPID RATE FROM THE N13E69
REGION. A SERIES OF FLARES IN THIS REGION, BEGINNING 22/1102Z,
22/1115Z AND 22/1125Z SEEM TO HAVE BEEN BRIGHTENINGS OF SEPARATE
POINTS WITHIN THE PLAGE STRUCTURE. THE THIRD OF THESE BRIGHTENINGS
WAS CLASSIFIED AS OF M ENERGY BASED ON SOLRAD DATA. ANOTHER FLARE
BEGINNING 22/1908Z MAY HAVE BEEN ANOTHER CLASS M. THE GEOMAGNETIC
FIELD REMAINS SOMEWHAT DISTURBED.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 361A.

D. OTTAWA 10.7 CM FLUX TODAY AT 1700Z WAS 118. PREDICTED 127/134/145.

E. MAGNETIC A-FREDERICKSBURG FOR 21 AUG WAS 07 FOR 22 AUG ABOUT 07.
PREDICTED AP FOR 23-25 AUG 8/6/8.

BT

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READY