

PP KGFF

DE BOU 051700Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 375A ISSUED 1700Z 05 SEPTEMBER 1969
CLASS M ACTIVITY IS EXPECTED DURING THE NEXT SIX HOURS
A. HIGHLIGHTS FOR THE PERIOD 29 AUGUST - 04 SEPTEMBER 1969 CLN
THE WEEK WAS MARKED BY THE RAPID DECAY OF THE MAJOR REGIONS
DESCRIBED IN SDF 368A. THE REGION AT N12(L128) ROTATED OVER WEST
LIMB WITHOUT MAJOR ACTIVITY. THE REGION AT N07(L075) DECAYED
RAPIDLY IN WHITE LIGHT, ALTHOUGH THE H-ALPHA PLAGE REMAINED LARGE.
THIS REGION EXPERIENCED SOME REBIRTH LATE IN THE WEEK, WITH THE
BIRTH OF A NEW BIPOLAR SPOT SET NEAR THE LEADER OF THE DECAYING
REGION. TWO CLASS M EVENTS (THE ONLY SUCH RECORDED DURING THE WEEK)
WERE REPORTED TODAY, BEGINNING 04/0302Z AND 04/0823Z IN THIS REGION.
THE GEOMAGNETIC FIELD WAS QUIET THROUGHOUT THE WEEK.

B. FORECAST FOR THE WEEK 06-12 SEPTEMBER 1969 CLN
FLARE ACTIVITY IS EXPECTED TO BE AT A LOW LEVEL THROUGHOUT THE
WEEK.

28-DAY FORECAST FOR 06 SEPTEMBER - 04 OCTOBER 1969 CLN

FLARE ACTIVITY IS EXPECTED TO BE ENHANCED 14-24 SEPTEMBER.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 05 SEPTEMBER/1700Z ENDING 08/1700Z.

CLASS M OR GREATER 60/40/20

CLASS X 10/05/05

PROTON EVENTS 10/05/05

D. OTTAWA 10.7 CM FLUX TODAY AT 1400Z WAS 137.

E. N/A

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

SOLTERWARN

BT

NNNN2300

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KMSC PP KGFF

DE BOU 052300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 375B ISSUED 2300Z 5 SEPTEMBER 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT 18 HOURS.

A. RAPID DEVELOPMENT IS APPARENT IN THE REGION AT N12W47 REGION, BOTH IN WHITE LIGHT AND H-ALPHA. LITTLE CHANGE IS APPARENT IN THE REGION AT N07W73, BUT THE REGION CONTINUES TO PRODUCE CLASS M FLARES. THE FLARE BEGINNING 05/20046Z /SB/ IN THIS REGION WAS A CLASS M, AND THE FLARE BEGINNING BEFORE 05/2208Z MAY HAVE BEEN AN M /1B/. BOTH WERE FROM THE N07W73 REGION. THE GEOMAGNETIC FIELD IS DISTURBED.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 375A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 136. PREDICTED 125/119/113.

E. MAGNETIC A-FREDERICKSBURG FOR 4 SEPT WAS 04. FOR 5 SEPT ABOUT 12. PREDICTED AP FOR 6-8 SEPT 10/10/15.

BT