

PP KGFF
DE BOU 151700Z
HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 354A ISSUED 1700Z 15 AUGUST 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT SIX HOURS.

A. HIGHLIGHTS FOR THE PERIOD 09-14 AUGUST 1969 CLN

FLARE ACTIVITY DURING THE PAST WEEK DISPLAYED A CHARACTERISTIC THAT SEEMS TO HAVE BEEN COMMON IN SOUTHERN HEMISPHERE REGIONS DURING THE LAST SEVERAL MONTHS CLN A REGION AT S19(L052) WAS BORN ON THE VISIBLE DISK (02 AUGUST), REACHED MAXIMUM AREA WITHIN THREE TO FOUR DAYS, AND PRODUCED SEVERAL CLASS M FLARES DURING ITS DECAYING PHASE (ONE ON 10 AUGUST AND TWO ON 11 AUGUST).

THIS REGION REACHED WEST LIMB ON 13 AUGUST. ANOTHER REGION SHOWING MANY SIMILAR CHARACTERISTICS IS AT S15(L252) TODAY.

THIS LATTER REGION IS CURRENTLY THE BRIGHTEST DISK FEATURE, AND DISPLAYS SIMPLE BIPOLAR STRUCTURE WITH ONLY A SLIGHT KINK IN THE N-S-ORIENTED NEUTRAL LINE. CLASS C FLARES HAVE BEEN OBSERVED FROM THIS REGION WITH MODERATE FREQUENCY. A GEOMAGNETIC DISTURBANCE BEGAN 12/0045Z. A POSITIVE BAY ON H AND Z TRACES (15 GAMMAS ON H TRACE) WAS OBSERVED AT BOULDER, BUT NOT AT FREDERICKSBURG.

B. FORECAST FOR THE WEEK 16-22 AUGUST 1969 CLN

FLARE ACTIVITY IS EXPECTED TO BE MINIMAL DURING THE WEEK, WITH FROM 2 TO 5 CLASS M EVENTS EXPECTED.

28-DAY FORECAST FOR 16 AUGUST-12 SEPTEMBER 1969 CLN

SOLAR ACTIVITY IS EXPECTED TO BE ENHANCED DURING THE PERIOD 24-29 AUGUST.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING AUGUST 15/1700Z ENDING 18/1700Z.

CLASS M OR GREATER 25/25/25

CLASS X 02/02/02

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 113. PREDICTED 100/095/095.

E. N/A

F. KP ESTIMATED FOR 1200-1500Z WAS 03. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3; 3/3/3/3/3/2/2/3.

SOLTERWARN

BT

NNNN2258

NNNN

KMSC PP KGFF

DE BOU 152300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 354B ISSUED 2300Z 15 AUG 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. A CLASS C FLARE OPTICAL IMPORTANCE 5B, AT S14E35 AT 15/2122Z WAS ONLY THE THIRD FLARE REPORTED DURING THE PAST 9 HOURS. THE REGION AT S14E35 IS THE BRIGHTEST FEATURE ON THE DISK, BUT ITS SPOT GROUP IS STABLE.

SECTIONS B AND C REMAIN UNCHANGED FROM SDF 354A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 113.

E. MAGNETIC A-FREDERICKSBURG FOR 14 AUG WAS 07. FOR 15 AUG ABOUT 04. PREDICTED AP FOR 16-18 AUG 5/10/10.

BT