

NNNN1707

NNNN

KMSC

PP KGFF

DE BOU 271705Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 366A ISSUED 1700Z 27 AUGUST 1969

CLASS X FLARES ARE EXPECTED IN THE NEXT 48 HOURS.

A. PROPER MOTIONS IN CENTER OF N12E06 REGION HAVE BEEN MARKED IN THE LAST 24 HOURS. AREAL GROWTH IS APPARENT IN PENUMBRA AND ROTATING SPOTS HAVE APPARENTLY LED TO NEW SPOT BIRTH IN NW CORNER OF REGION. FILAMENT NORTH OF TRAILING SPOTS POINTING TO ROTATING SPOTS HAS BECOME MORE ACTIVE. REGION AT N07E58 HAS GROWN IN ALL PARAMETERS AND DELTA CONFIGURATION APPEARS POSSIBLE. GEOMAGNETIC FIELD IS DISTURBED.

B. MAJOR FLARES EXPECTED WITHIN 48 HOURS FROM N12E06 AND POTENTIAL FOR MAJOR ACTIVITY IS INCREASING IN N07E58 REGION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 27/1700Z ENDING 30/1700Z.

CLASS M OR GREATER 90/90/90

CLASS X 50/50/50

PROTON EVENTS 30/30/30

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 164.

E. N/A.

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

BT

RMSU PP KGFF
DE BOU 272315Z
HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 366B ISSUED 2300Z 27 AUG 1969

CLASS X FLARES ARE EXPECTED IN THE NEXT 42 HOURS.

A. PLAGE AND FILAMENT TIES ARE INTERPRETED AS SHOWING
INTERACTION BETWEEN N11E61 AND N07E58 REGIONS. PROPER MOTIONS,
FRESH SPOT GROWTH, AND ACTIVE FILAMENT STILL ARE APPARENT IN
N12E06 REGION. RADIO MAPS INDICATE LATTER REGION UNCHANGED IN
9 CM CENTRAL TEMPERATURE, AND N07E58 OF COMPARABLE CENTRAL
TEMPERATURE. RADIO MAP AT 8 MM INDICATES N12E06 REGION CENTRAL
TEMPERATURE ENHANCED 14 PERCENT OVER QUIET AND N07E58 REGION.
ENHANCED ONLY 7.5 PERCENT. THE GEOMAGNETIC FIELD IS SLIGHTLY
DISTURBED YET.

PARTS B AND C ARE UNCHANGED FROM SDF 366A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 164. PREDICTED 175/181/183.

E. MAGNETIC A-FREDERICKSBURG FOR 26 AUG WAS 12. FOR 27 AUG ABOUT 19
PREDICTED AP FOR 28-30 AUG, 12/10/S.

SOLTERWARN

BT