

NNNN1702

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KMSC

PP KGFF

DE BOU 211705Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 360A ISSUED 1700Z 21 AUGUST 1969

CLASS M FLARES ARE EXPECTED IN THE NEXT SIX HOURS

A. AN ACTIVE REGION IS CURRENTLY ROTATING ONTO THE VISIBLE
DISK AT N12E86. THE REGION IS SOMEWHAT TO THE WEST OF THE
EXPECTED RETURNING REGION, AND MAY BE NEW DEVELOPMENT. THE
REGION IS BIPOLAR, HAS AN AREA OF AT LEAST 100 MILS, AND IS
ACTIVE /IMPORTANCE ONE FLARES BEGINNING 21/0202Z AND 21/1405Z,
BOTH APPARENTLY CLASS C/. CORONAL GREEN LINE AND A 9 CM RADIO
EMISSION ARE ENHANCED IN THE REGION. ANOTHER RETURNING REGION
IS EXPECTED TODAY AT S07EL, WHERE SOME LIMB ACTIVITY HAS BEEN
REPORTED. THE GEOMAGNETIC FIELD IS SOMEWHAT DISTURBED.

B. CLASS M FLARES ARE EXPECTED FROM THE N12E86 REGION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 21 UAG/1700Z ENDING 23/1700Z.

CLASS M OR GREATER 60/70/70

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 114.

E. N/A.

F. KP ESTIMATED FOR 1200-1500Z WAS 4. KP FORECASTS FOR NEXT 24
HOURS PER KP 15.3; 4/4/4/3/3/3/3/3.

SOLTERWARN

BT

2302

NNNN

KMSC PP KGFF

DE BOU 212300Z

HERE IS THE MSG FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 360B ISSUED 2300Z 21 AUG 1969

CLASS M FLARES ARE EXPECTED DURING THE NEXT 18 HOURS.

A. THE REGION AT N13E82 REMAINS THE BRIGHTEST & MOST
DYNAMIC FEATURE ON THE DISK. CLOUDS HAVE HAMPERED OBSERVATIONS
AT MOST OBSERVATORIES DURING THE PAST 6 HOURS. MORE SPOTS HAVE
BEEN OBSERVED TO THE SOUTH OF THE ABOVE MENTIONED GROUP. SMALL
SURGES HAVE BEEN SEEN AT S08. THE GEOMAGNETIC FIELD IS CURRENTLY QUIET.
PARTS B & C REMAIN UNCHANGED FROM SDF 360A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 114. PREDICTED 120/127/134.

E. MAGNETIC A-FREDERICKSBURG FOR 20 AUG WAS 08. FOR 21 AUG ABOUT 10.
PREDICTED AP FOR 22-24 AUG, 10/10/10.

SOLTERWARN

BT