

NNNN1700
NNNN
KMSC PP KGFF
DE BOU 221700Z

HERE IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 330A ISSUED 1700Z 22 JULY 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 6 HOURS.

A. SOLAR ACTIVITY REMAINS AT AN EXTREMELY LOW LEVEL WITH LESS THAN 5 CLASS C FLARES BEING OBSERVED DURING THE PAST 17 HOURS. THE ONLY SIGNIFICANT CHANGE HAS BEEN AN INCREASE IN AREA AND BRIGHTNESS IN THE REGION NEAR N14E10 WITH A NEW BIPOLAR SET EVOLVING IN THE TRAILING PORTION OF THE SPOT GROUP. IN WHITE LIGHT, IT APPEARS THAT THE TRAILING SPOT IS LOSING ITS PENUMBRA. ALL OTHER REGIONS ON THE DISK ARE SMALL AND INSIGNIFICANT. THE GEOMAGNETIC FIELD IS CURRENTLY QUIET.

B. THE REGION AT N14E10 SHOULD BE WATCHED FOR INTERACTION WITH THE EXISTING REGION. CLASS M PROBABILITIES WILL BE INCREASING IF THE ABOVE OCCURS.

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

CLASS M OR GREATER 30/30/30

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 110. PREDICTED 110/110/112.

E. N/A

F. KP ESTIMATED FOR 1200-1500Z WAS 01. KP FORECAST FOR NEXT 24 HOURS PER KP 15.3; 2/2/2/2/2/1/1/1

SOLTERWARN

BT

NNNN2300

NNNN

KMSC PP KGFF

DE BOU 222300Z

THIS IS THE MESSAGE FOR REFILE

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 330B ISSUED 2300Z 22 JULY 1969

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

A. THE SOLAR DISK REMAINS EXTREMELY QUIET WITH NO SIGNIFICANT CHANGES THE PAST 6 HOURS. PROTON FLUXES NEAR THE EARTH ARE IN BACKGROUND COUNTING RATES. THE GEOMAGNETIC FIELD REMAINS QUIET. SECTIONS B AND C REMAIN UNCHANGED FROM SDF 330A.

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 112.

E. MAGNETIC A-FREDERICKSBURG FOR 21 JULY WAS 05. FOR 22 JULY ABOUT 09. PREDICTED AP FOR 23-25 JULY 10/10/10.

BT