

NNNNUU0400

NNNNIG

KMSC

HAUS BOU 240400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 606A ISSUED 0400Z 24 APR 1970

THE NEXT 13-HOUR PERIOD SHOULD BE CHARACTERIZED BY INFREQUENT
CLASS-C FLARES.

A. SINCE THE LAST FORECAST NO SIGNIFICANT DEVELOPMENTS HAVE TAKEN
PLACE ON THE DISK. LONGITUDES JUST BEHIND THE EL ARE EVIDENTLY
INACTIVE AS WELL DUE TO THE LOW PROTON COUNTING RATES BEING READ
OUT FROM PIONEER 6. SETTLED GEOMAGNETIC CONDITIONS PREVAIL.

B. SAME AS PREVIOUS MESSAGE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR
PERIODS BEGINNING 24 APR/0400Z ENDING 27/0400Z.

CLASS M OR GREATER 30/30/40

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUXES FOR 23/1700 AND 2000Z WERE BOTH 129.

SOLTERWARN

SPAN

BT

KMSC

HAUS BOU 241700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 606B ISSUED 1700Z 24 APRIL 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS INCREASED THE PAST 13 HOURS WITH THE MAJORITY OF THE FLARES COMING FROM THE N03W72 REGION. THIS REGION PRODUCED A TENTATIVE CLASS M FLARE /OPTICAL IMPORTANCE 1N/ AT 24/0907Z AT N06W61. THIS E-TYPE REGION CONTAINS A POSSIBLE MAGNETIC DELTA CONFIGURATION IN THE FOLLOWER PORTION AND SHOWS MINOR PLAGE FLUCTUATIONS AND POINT BRIGHTENINGS. ANOTHER DELTA CONFIGURATION EXISTS IN THE REGION AT S09W22. HOWEVER, FIELD STRENGTHS ARE WEAKER TODAY THAN 24 HOURS AGO. NEW SPOT GROUPS ARE LOCATED AT N09W21/D-TYPE/, S26W58/B-TYPE/, N19E76/H-TYPE/ AND S08E88/H-TYPE/. SMALL SURGES HAVE BEEN OBSERVED WITH THIS LAST REGION. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. CLASS M ACTIVITY SHOULD BE INCREASING SLOWLY FROM THE N03W72 AND S09W22 REGIONS.

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

CLASS M OR GREATER 40/45/50

CLASS X 05/10/10

PROTON EVENTS 01/01 01

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 129. PREDICTED 130/132/135.

E. MAGNETIC A-FREDERICKSBURG FOR 23 APRIL WAS 12. FOR 24 APRIL ABOUT 11. PREDICTED AP FOR 25-27 APRIL, 10/08/06.

SOLTERWARN

SPAN

BT