

NNNN0356

NNNN0357

NNNN

KMSC

HAUS BOU 200400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 785A ISSUED 0400Z 20 OCTOBER 1970

CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY CONTINUES AT A VERY LOW LEVEL. A FEW CLASS C FLARES, ALL SUBFLARES, HAVE BEEN OBSERVED DURING THE PAST 24 HOURS. THE REGION AT S10W77 IS THE BRIGHTEST DISK FEATURE AND HAS PRODUCED A FEW SMALL SURGES. THE REST OF THE DISK IS QUIET. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT LOW LEVEL. THE MAGNETIC FIELD WILL BE QUIET FOR THE NEXT 24 HOURS AND THEN PERIODS OF DISTURBANCE ARE LIKELY TO OCCUR.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 20 OCT/0400Z ENDING 23 OCT/0400Z

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 19/1700Z AND 19/2000Z WERE 140 AND 136 RESPECTIVELY.

SOLTERWARN

SPAN

BT

NNNN1700

NNNN

KMSC

HAUS BOU 201700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 785B ISSUED 1700Z 20 OCTOBER 1970

CLASS C FLARE EXPECTED DURING THE NEXT 11 HOURS.

A. ONE CLASS M1, SN--LOCATION N03W54, OCCURRED AT 0654Z.

A CIRCLE OF MODERATELY BRIGHT PLAGE IS OBSERVED AROUND THE SPOT AT N14E33. THE N13E65 REGION HAS BRIGHT PLAGE TRAILING THE MERGING LEADER SPOTS, BUT NO ACTIVITY HERE. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED EARLY TODAY.

B. OCCASIONAL CLASS C FLARES EXPECTED FROM N10E31 AND N13E65. PIONEER SATELLITES 6 AND 8 SHOW SOLAR WIND ENHANCEMENTS THAT ARE EXPECTED TO DISTURB THE GEOMAGNETIC FIELD ON 22 OCTOBER.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 20 OCT/1700Z ENDING 23 OCT/1700Z.

CLASS M OR GREATER 20/20/20

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX FOR 20/1400Z WAS 139.

PREDICTED 10.7CM FLUX FOR 21-23 OCT IS 136/136/136.

E. MAGNETIC A-FREDERICKSBURG FOR 19 OCT WAS 10. FOR 20 OCT ABOUT 08. PREDICTED AP FOR 21-23 OCT IS 09/18/15.

SOLTERWARN

SPAN

BT