

KMSC

HAUS BOU 240400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 728A ISSUED 0400Z 24 AUGUST 1970

CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL DURING THE PAST 11 HOURS. THE SURGES AT NW22 HAVE CONTINUED THROUGH MOST OF THE PAST ZULU DAY. THE OTHER REGIONS ON THE VISIBLE DISK ARE QUIET AND STABLE. THE GEOMAGNETIC FIELD IS QUIET WITH SHORT PERIODS OF DISTURBANCE.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL. THE REGION ON THE NW LIMB MAY PRODUCE AN M EVENT DURING THE NEXT 24 HOURS. THE GEOMAGNETIC FIELD WILL REMAIN QUIET WITH SHORT PERIODS OF DISTURBED CONDITIONS.

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

CLASS M OR GREATER 45/40/40

CLASS X 02/02/02

PROTON EVENTS 03/01/01

D. OTTAWA 10.7 CM FLUXES FOR 23/1700Z AND 23/2000Z WERE 143 AND 144 RESPECTIVELY.

SOLTERWARN

SPAN

BT

NNNN1702

NNNNZG

KMSC

HAUS BOU 241700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 723B ISSUED 1700Z 24 AUG 1970

CLASS C FLARES EXPECTED DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY REMAINS LOW. TWO SMALL BIPOLARS AT S7E57 AND S10E58 ARE GROWING AND HAVE MODERATELY BRIGHT PLAGE. ANOTHER SMALL BIPOLAR CAN BE SEEN AT N13E72. OTHER DISK FEATURES ARE ON THE DECLINE. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL. UNSETLED GEOMAGNETIC CONDITIONS ARE EXPECTED TO PREVAIL THE NEXT 72 HOURS AS PIONEER SATELLITES INDICATE A DISTURBED SOLAR WIND SECTOR.

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

CLASS M OR GREATER 25/25/25

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX TODAY WAS 138 AT 1400Z. PREDICTED 139/140/141.

E. MAGNETIC A-FREDERICKSBURG FOR 23 AUG WAS 09. FOR 24 AUG ABOUT 04 PREDICTED AP FOR 25-27 AUG 15/12/10.

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