

NNNNUU0350
NNNNUMV0350
NNNNSMVWM0353
NNNNSM

KMSC

HAUS BOU 070400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 680A ISSUED 0400Z 07 JULY 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY DURING THE PAST 11 HOURS HAS BEEN NON-ENERGETIC AND VERY SCATTERED OVER THE DISK. AT 06/2136Z A ONE BRIGHT FLARE WAS OBSERVED AT N20W89. THIS FLARE DID PRODUCE SOME RADIO DISTURBANCE WHICH WAS QUITE SHORT IN DURATION. THE REGION S09E03 IS BREAKING UP AND IS NOW SIMPLE MAGNETICALLY. THE OTHER REGIONS ARE ALL STABLE. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY WILL REMAIN AT RELATIVELY LOW LEVEL DURING THE NEXT 13 HOURS. THE REGION S08W39 MAY PRODUCE AN OCCASIONAL ENERGETIC FLARE. THE GEOMAGNETIC FIELD WILL REMAIN QUIET WITH SHORT PERIODS OF MINOR DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 07 JULY/0400Z ENDING 10 JULY/0400Z

CLASS M OR GREATER 70/70/70

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX FOR 06/1700Z WAS 180.

SOLTERWARN

SPAN

BT

NNNNIMVLM1743

NNNNBM

KMSC

HAUS BOU 071740Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 680B ISSUED 1700Z 7 JULY 1970

CLASS C FLARES ARE EXPECTED IN THE NEXT 11 HOURS.

A. SOLAR ACTIVITY IS ON THE DECLINE. THE REGIONS S07W50 AND S09W06 ARE SHOWING CONTINUED SIMPLIFICATION IN SPOT STRUCTURE AND PLAGE. THE RETURNING REGION AT N16 E LIMB, WHICH WAS VERY ACTIVE LAST ROTATION, HAS SHOWN NO ACTIVITY YET. A LARGE H TYPE SPOT CAN BE SEEN NEAR THE LIMB WITH NO PLAGE. THE 1B LIMB FLARE, 06/2136Z, HAS BEEN CLASSIFIED AS A STRONG M EVENT. THE GEO-MAGNETIC FIELD IS QUIET.

B. NO MAJOR ACTIVITY IS EXPECTED IN THE NEXT 24 HOURS. A POSSIBLE MAGNETIC DISTURBANCE MIGHT BE GENERATED BY THE 1B FLARE OBSERVED YESTERDAY. THIS DISTURBANCE IS EXPECTED TO COMMENCE IN 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 7 JULY/1700Z ENDING 10 JULY/1700Z.

CLASS M OR GREATER 50/55/60

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUX FOR 07/1700Z WAS 162. PREDICTED 10.7 CM FLUX FOR 08-10 JULY IS 160/155/150.

E. MAGNETIC A-FREDERICKSBURG FOR JULY 6 WAS 13. FOR JULY 7 ABOUT 07 PREDICTED AP FOR 8-10 JULY, 010/014/010.

SOLTERWARN

SPAN

BT