

NNNN0400

NNNN

KMSC

HAUS BOU 110400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 685A ISSUED 0400Z 11 JULY 1970

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

A. NUMEROUS NON ENERGETIC CLASS C FLARES HAVE BEEN OBSERVED DURING THE PAST 11 HOURS. NEW SPOT GROWTH WAS OBSERVED PRECEDING THE LEADER SPOT IN REGION N17E03. THE NEW REGION AT S18E78 IS A D TYPE SPOT AND THE PLAGE IS NEAR FLARE BRIGHTNESS. THE OTHER REGIONS ARE STABLE AND NO NEW ACTIVITY IS ANTICIPATED. THE GEOMAGNETIC FIELD IS SLIGHTLY DISTURBED.

B. FLARE ACTIVITY IS EXPECTED TO REMAIN AT SAME LEVEL, NUMEROUS CLASS C FLARES. THE GEOMAGNETIC FIELD WILL HAVE PERIODS OF DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 JULY/0400Z ENDING 14 JULY/0400Z

CLASS M OR GREATER 40/40/40

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 10/1700Z AND 10/2000Z WERE BOTH 139.

SOLTERWARN

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NNNNUG1710

NNNNXG

KMSC

HAUS BOU 111645Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 684B ISSUED 1700Z 11 JULY 1970

CLASS-C FLARES ARE EXPECTED AND SMALL CLASS-M FLARES ARE PROBABLE DURING THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A RELATIVELY LOW LEVEL DURING THE PAST 13 HOURS, BUT THREE SMALL CLASS-M EVENTS HAVE BEEN REPORTED THIS ZULU DAY. THESE EVENTS OCCURRED AS FOLLOWS-A SUB-BRILLIANT FLARE AT 11/0026Z FROM THE REGION AT S08W61, A SUB-NORMAL FLARE AT 11/0109 FROM THE REGION AT S08W61, AND A SUB-NORMAL FLARE AT 11/0507 FROM THE S18E67 REGION-THIS FLARE ALSO MAY HAVE BEEN OF CLASS-M X-RAY INTENSITY. SPOT GROWTH HAS BEEN NOTED IN THE TRAILER OF THE N17E54 REGION AND SOUTHWEST OF THE J-TYPE SPOT AT N17W06. ENHANCED PLAGE EXISTS ABOVE THE TRAILER OF THE N17E54 REGION AND ABOVE THE MID-SECTION OF THE S08W61 REGION. THE REST OF THE DISK IS RELATIVELY UNINTERESTING. STABILITY HAS RETURNED PROGRESSIVELY TO THE GEOMAGNETIC FIELD DURING THE PAST 24 HOURS-CONDITIONS PRESENTLY ARE RELATIVELY QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN RELATIVELY LOW, BUT SPORADIC SMALL FLARES OF BORDERLINE CLASS-M X-RAY INTENSITY ARE PROBABLE FROM THE REGIONS AT N17E54, S18E63, AND S08W61. THE GEOMAGNETIC FIELD IS EXPECTED TO BE ONLY SLIGHTLY DISTURBED DURING THE NEXT 24 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 11 JULY /1700Z ENDING 14 JULY /1700Z.

CLASS M OR GREATER            65/65/65

CLASS X                        05/05/05

PROTON EVENTS                02/02/02

D. OTTAWA 10.7 CM FLUX FOR 11/1400Z WAS 133.

PREDICTED 10.7 CM FLUX FOR 12-14 JULY IS 130/135/138.

E. MAGNETIC A-FREDERICKSBURG FOR 10 JULY WAS 20. FOR 11 JULY ABOUT 08 PREDICTED AP FOR 12-14 JULY, 08/08/06.

SOLTERWARN

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