

NNNNMVKM

KMSC

HAUS BOU 120400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 686A ISSUED 0400Z 12 JULY 1970

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

A. SOLAR ACTIVITY HAS BEEN RELATIVELY LOW DURING THE PAST 11 HOURS.

A FEW NON ENERGETIC FLARES HAVE BEEN OBSERVED FROM FIVE DIFFERENT REGIONS. THE MOST PRODUCTIVE REGION HAS BEEN S08W65. THERE HAS BEEN VERY LITTLE CHANGE IN ANY OF THE REGIONS DURING THE PAST ZULU DAY.

THE GEOMAGNETIC FIELD IS QUIET AND STABLE.

B. NO CHANGE IN SOLAR ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS. CLASS C FLARES WITH AN OCCASIONAL SMALL CLASS M FLARE CAN BE EXPECTED. THE GEOMAGNETIC FIELD WILL REMAIN STABLE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 JULY/0400Z ENDING 15 JULY/0400Z

CLASS M OR GREATER 50/50/50

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 11/1700Z AND 11/2000Z WERE 133 AND 134 RESPECTIVELY.

SOLTERWARN

SPAN

BT

NNNNMVKM

NNNUU1711

NNNN

KMSC

HAUS BOU 121710Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 685B ISSUED 1700Z 12 JULY 1970

CLASS C FLARES EXPECTED IN THE NEXT 11 HOURS.

A. SOLAR ACTIVITY HAS BEEN LOW AND NONENERGETIC DURING THE PAST 24 HOURS. THE REGION NEAR N17E42 HAS SHOWN MINOR GROWTH AND HAS A BRIGHT RIBBON OF PLAGE WHICH LIES ALONG ITS NEUTRAL LINE. THIS REGION HASN'T SHOWN ANY ACTIVITY. THE N17W18 REGION IS MOST ACTIVE PRODUCING SEVERAL SUB NORMAL FLARES. THE GEOMAGNETIC FIELD CONTINUES TO HAVE SLIGHTLY DISTURBED PERIODS BETWEEN 0000Z AND 0900Z.

B. BELOW AVERAGE ACTIVITY IS EXPECTED THE NEXT FEW DAYS WITH ONLY NONENERGETIC EVENTS OCCURRING.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 12 JULY/1700Z ENDING 15 JULY/1700Z.

CLASS M OR GREATER 35/40/45

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 12/1400Z WAS 130. PREDICTED 10.7 CM FLUX FOR 13-15 JULY IS 127/125/125.

E. MAGNETIC A-FREDERICKSBURG FOR 11 JULY WAS 10. FOR 12 JULY ABOUT 13 PREDICTED AP FOR 13-15 JULY, 12/10/08.

SOLTERWARN

SPAN

BT