

0353

NNNNJMV

KMSC

HAUS BOU 300400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 734A ISSUED 0400Z 30 AUGUST 1970

CLASS C FLARES ARE EXPECTED AND CLASS M FLARES ARE PROBABLE DURING THE NEXT 13 HOURS.

A. ONE CLASS M EVENT OCCURRED 29/1844Z IN REGION N20E88. THIS REGION HAS NOW ROTATED ON THE VISIBLE DISK AND CONSISTS OF A LARGE J TYPE SPOT. MORE OF THIS GROUP MUST STILL BE BEYOND THE LIMB FOR BSL ACTIVITY CONTINUED FROM THE EAST LIMB FOR THE PAST 24 HOURS. THE REGIONS AT N17E55 AND S09E62 HAVE NOW STABILIZED. THE REST OF THE DISK HAS BEEN QUIET. THE GEOMAGNETIC FIELD HAS BEEN SHOWING PERIODS OF DISTURBANCE.

B. SOLAR ACTIVITY WILL CONTINUE ITS PRESENT LEVEL. CLASS C FLARES AND AN OCCASIONAL CLASS M FLARE. THE GEOMAGNETIC FIELD WILL CONTINUE TO HAVE PERIODS OF DISTURBANCE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 30 AUG/0400Z ENDING 02 SEPT/0400Z

CLASS M OR GREATER 70/70/70

CLASS X 10/10/10

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 29/1700Z AND 29/2000Z WERE 146 AND 147 RESPECTIVELY.

SOLTERWARN

SPAN

BT

HAUS BOU 301735Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 734B ISSUED 1700Z 30 AUG 1970

INFREQUENT CLASS M FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. OVERALL SOLAR ACTIVITY HAS DECLINED THE PAST 13 HOURS. ONE CLASS M EVENT OCCURRED AT 30/1016Z; THIS WAS A ONE BRIGHT FLARE LOCATED AT N19E80. THIS NE REGION CONSISTS OF ONE LARGE SPOT, ROUGHLY 900 MILLIONTHS, AND SMALL TRAILER SPOTS; ITS H-ALPHA STRUCTURE IS UNIMPRESSIVE. THE REGION HAS A DELTA CONFIGURATION (MT WILSON) IN THE NE PORTION OF THE LEADING PENUMBRA. THE N21E45 REGION HAS DEVELOPED A SMALL DELTA CONFIGURATION IN THE CENTRAL SPOTS.

B. ONE OR TWO CLASS M FLARES PER DAY CAN BE EXPECTED FROM THE N21E45 AND N17E72 REGIONS. THESE REGIONS APPEAR TO BE IN STAGES OF DECAY. TOTAL FLARE ACTIVITY IS EXPECTED TO REMAIN LOW. THE GEOMAGNETIC FIELD IS EXPECTED TO HAVE A PERIOD OF UNSETTLED CONDITIONS BEGINNING APPROXIMATELY SEPT 1, 1000Z.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 30 AUG/1700Z ENDING 2 SEPT/1700Z.

CLASS M OR GREATER 80/80/80

CLASS X 10/10/10

PROTON EVENTS 2/2/2

D. OTTAWA 10.7 CM FLUX FOR 30/1400Z WAS 148. PREDICTED 10.7 CM FLUX FOR 31 AUG - 2 SEPT IS 150/150/150.

E. MAGNETIC A-FREDERICKSBURG FOR 29 AUG WAS 08. FOR 30 AUG ABOUT 08 PREDICTED AP FOR 31 AUG - 2 SEPT, 6/12/18.

SOLTERWARN

SPAN

BT