

HAUS BOU 140400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 445A ISSUED 0400Z 14 NOV 1969

ONLY CLASS C FLARES ARE EXPECTED THESE NEXT 13 HOURS.

A. THE MOST RECENT EVIDENCE CONCERNING THE STATUS OF MCMATH REGION #385(02 NOV PCA SOURCE) INDICATES THAT THESE LONGITUDES ARE NOT CURRENTLY ACTIVE AND HAVE NOT BEEN SO WITHIN THE PAST 5 DAYS. ON THE DISC NO NEW MAJOR DEVELOPMENTS HAVE OCCURRED. MOST OF THE CLASS C FLARE ACTIVITY IS CENTERED NEAR A SMALL REGION PASSING OVER THE WEST LIMB.

B. THE SMALL GROUP NEAR N17W54 CONTAINS THE BRIGHTEST PLAGE. THIS SUGGESTS THAT DURING THE NEXT 24-HOUR PERIOD THE MAJORITY OF FLARE WILL ORIGINATE THERE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 NOV/0400Z ENDING 17 NOV/0400Z.

CLASS M OR GREATER 30/40/40

CLASS X 10/15/15

PROTON EVENTS 10/15/15

D. OTTAWA 10.7 CM FLUXES FOR 13/1700 AND 2100Z WERE 130 AND 128 RESPECTIVELY.

SOLTERWARN

NNNN
KMSC
HAUS BOU 151700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 445B ISSUED 1700Z 14 NOV 1969

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS.

A. THE REGION AT N17W60 HAS GROWN IN WHITE LIGHT AND HAS A VERY BRIGHT AND COMPACT PLAGE AT INTENSITY 4 TO 5. MINOR CLASS C FLARES HAVE OCCURRED THERE. A FAIRLY LARGE J-TYPE SPOT HAS JUST ROTATED OVER EAST LIMB AT N07 AND HAS A SMALL WEAK PLAGE. ITS CALCIUM PLAGE IS ONLY AT INTENSITY 1 TO 2. SURGES HAVE OCCURRED FROM N5-20 EL. ALL OTHER REGIONS ARE SMALL AND STABLE. THE GEOMAGNETIC FIELD IS QUIET.

B. MORE EVALUATION IS NEEDED ON THE N07EL REGION ALTHOUGH AT THIS TIME IT APPEARS ONLY MODERATELY IMPRESSIVE. IF THE REGION AT N17W60 CONTINUES ITS GROWTH CLASS M FLARES ARE MORE PROBABLE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14/1700Z ENDING 17/1700Z.

CLASS M OR GREATER 40/50/60

CLASS X 10/15/15

PROTON EVENTS 10/15/15

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 137. PREDICTED 145/155/165.

E. MAGNETIC A-FREDERICKSBURG FOR 13 NOV WAS 03. FOR 14 NOV ABOUT 05. PREDICTED AP FOR 15-17 NOV 05/08/08.

SOLTERWARN

SPAN

BT