

NNNN

KMSC

HAUS BOU 150400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 811A ISSUED 0400Z 15 NOVEMBER 1970

CLASS M FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS CONTINUED AT MODERATELY HIGH LEVEL DURING THE PAST 11 HOURS. THE REGION NOW AT N1SW08 CONTINUES TO

PRODUCE CLASS M FLARES; M3 14/1722Z, M2 14/1822Z, M3 14/1917Z, AND M4 14/2038Z. THIS REGION HAS CONTINUED ITS GROWTH BETWEEN THE LEADER AND FOLLOWER PORTIONS. SEVERAL DELTA CONFIGURATIONS ARE PRESENT AND THE 10CM TEMPERATURE HAS CONTINUED TO RISE.

VERY LITTLE ACTIVITY HAS BEEN OBSERVED FROM THE OTHER DISK REGIONS. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY WILL CONTINUE, FROM REGION N1SW08, AT ITS PRESENT RATE AND THE PROBABILITY OF A CLASS X FLARE CONTINUES TO RISE. THE GEOMAGNETIC FIELD WILL REMAIN QUIET.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 15 NOV/0400Z ENDING 18 NOV/0400Z.

CLASS M OR GREATER 90/90/90

CLASS X 20/20/20

PROTON EVENTS 10/10/10

D. OTTAWA 10.7CM FLUXES FOR 14/1700Z AND 14/2000Z WERE 198 AND 213 RESPECTIVELY.

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HAUS BOU 151720

FROM SPACE DISRUPTION FORECAST CENTER BOULDER COLO

SDF NUMBER 811B ISSUED 1700Z 15 NOV 1970

A CLASS X FLARE EXPECTED DURING THE NEXT 11 HOURS.

A. THE N1SE14 REGION HAS PRODUCED THE FOLLOWING ENERGETIC FLARES, X3 BEGINNING 15/0752Z WITH MAJOR RADIO BURST, M9 BEGINNING 15/0521Z, AND THREE SMALL CLASS M FLARES OCCURRING AT 0414Z, 0447Z AND 0736Z. SINCE THIS ACTIVE PERIOD THE PLAGE HAS LOST A GOOD DEAL OF ITS BRIGHTNESS, HOWEVER, WHITE LIGHT SPOTS CONTINUE TO GROW. AN INFERRED DELTA MAY EXIST IN THE N05E43 SPOT AND THE N07E33 SPOT GROUP HAS EXHIBITED MINOR ACTIVITY. ATS-1 SATELLITE PROTON COUNTING RATES ARE AT BACKGROUND.

B. ALTHOUGH THE NW REGION HAS ENTERED A DORMANT PHASE PRESENTLY IT IS EXPECTED TO CONTINUE PRODUCING AN OCCASIONAL MAJOR FLARE. GEOMAGNETIC CONDITIONS EXPECTED TO REMAIN QUIET UNTIL NOVEMBER 17 WHEN A MINOR DISTURBANCE IS EXPECTED FROM THE RECENT SOLAR ACTIVITY.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 15 NOV/1700Z ENDING 18 NOV/1700Z.

CLASS M OR GREATER 99/99/99

CLASS X 50/40/40

PROTON EVENTS 20/20/20

D. OTTAWA 10.7 CM FLUX FOR 15/1400Z WAS 199. PREDICTED 10.7 CM FLUX FOR 16-18 NOV IS 200/200/195.

MAGNETIC A-FREDERICKSBURG FOR 14 NOV WAS 04. FOR 15 NOV ABOUT 04. PREDICTED AP FOR 16-18 NOV, 08/15/12.

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