

NNNN

KMSC

HAUS BOU 010400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 644A ISSUED 0400Z 01 JUNE 1970

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

A. SOLAR ACTIVITY HAS CONTINUED AT A LOW LEVEL DURING THE PAST 11 HOURS. MOST ALL ACTIVITY HAS BEEN REPORTED FROM REGION S07W57. THIS REGION, THOUGH IT HAS BEEN BREAKING UP, IS STILL THE MOST ACTIVE REGION AND DOES STILL CONTAIN A DELTA CONFIGURATION. THE REGION N18W49 HAS SHOWN SLIGHT DEVELOPMENT, AS WELL AS REGION S14E16. THE OTHER REGIONS ON THE DISK ARE QUIET. THE GEOMAGNETIC FIELD IS QUIET.

B. CLASS C FLARES AND AN OCCASIONAL CLASS M FLARE CAN BE EXPECTED FROM REGION S07W57, N18W49. THE GEOMAGNETIC FIELD SHOWS A SUDDEN COMMENCEMENT AT 01/0309Z.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 01 JUNE/0400Z ENDING 04 JUNE/0400Z

CLASS M OR GREATER 70/70/70

CLASS X 10/10/10

PROTON EVENTS 10/10/10

D. OTTAWA 10.7 CM FLUXES FOR 31/1700Z AND 31/2000Z WERE 161 AND 160 RESPECTIVELY.

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HAUS BOU 011715Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 644B ISSUED 1700Z 1 JUNE 1970

OCCASIONAL CLASS M FLARES EXPECTED IN THE NEXT 11 HOURS.

A. TWO CLASS M EVENTS BOTH FROM THE SW REGION(S05W71) WERE DETECTED AT 01/0113Z AND 01/0736Z. THE WHITE LIGHT AREA OF THIS GROUP HAS DROPPED TO LESS THAN 1/3 OF ITS MAY 30 SIZE, HOWEVER, THE LEADER PORTION REMAINS MAGNETICALLY COMPLEX AND CONTINUES TO PRODUCE CLASS M FLARES. THE N08W20 REGION HAS SHOWN GROWTH AND IS THE ONLY OTHER INTERESTING DISK FEATURE AT PRESENT. THE ATS-1 PROTON COUNTING RATES HAVE CONTINUED TO DECLINE AND ARE NEAR BACKGROUND LEVELS AT THIS TIME. THE GEOMAGNETIC FIELD REMAINS DISTURBED.

B. CHANCES OF MORE ENERGETIC FLARES FROM THE SW REGION ARE DIMINISHING AS THIS REGION DECAYS AND APPROACHES WEST LIMB PASSAGE. THE GEOMAGNETIC FIELD IS EXPECTED TO REMAIN DISTURBED FOR THE NEXT 48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 1 JUNE/1700Z ENDING 4 JUNE/1700Z.

CLASS M OR GREATER 60/50/40

CLASS X 08/05/02

PROTON EVENTS 05/03/02

D. OTTAWA 10.7 CM FLUX FOR 01/1400Z WAS 144.

PREDICTED 10.7 CM FLUX FOR 02-04 JUNE IS 138/133/127.

E. MAGNETIC A-FREDERICKSBURG FOR 31 MAY WAS 07. FOR 01 JUNE ABOUT 22  
PREDICTED AP FOR 02-04 JUNE, 18/15/12.

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