

NNNNNDM0355

NNNNBM

KMSC

HAUS BOU 080400Z

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 681A ISSUED 0400Z 08 JULY 1970

NO ENERGETIC FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. DURING THE ELEVEN HOURS SINCE THE LAST MESSAGE ONLY ONE FLARE OF SIGNIFICANCE OCCURRED. THE OPTICAL, RADIO, AND X-RAY DATA INDICATE THAT THIS WEST LIMB M EVENT WAS PROBABLY NO SMALL ERUPTION. H-ALPHA CLASSIFICATION, START TIME, AND LATITUDE WERE THE FOLLOWING: SN, 07/1650Z, AND N22. ON THE DISK ITSELF, HOWEVER, CONDITIONS REMAIN NEARLY STATIC. CLASS C FLARES ARE INFREQUENT AND NO OUTSTANDING STRUCTURAL CHANGES HAVE BEEN NOTED WITHIN ANY OF THE 10 GROUPS VISIBLE.

B. FLARE FREQUENCY AND INTENSITY ARE EXPECTED TO REMAIN NEAR CURRENT LOW LEVELS FOR AT LEAST THE NEXT 3 DAYS. A MAGNETIC DISTURBANCE SHOULD BEGIN SOMETIME BETWEEN 1100 AND 1600Z TODAY, REPRESENTING A 35 TO 40 HOUR DELAY FROM THE INITIATING WL FLARE OF 06/2136Z.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 08 JULY/0400Z ENDING 11 JULY/0400Z

CLASS M OR GREATER 55/55/60

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 07/1700Z AND 07/2000Z WERE 159 AND 162 RESPECTIVELY.

SOLTERWARN

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NNNNUU1653
NNNNLMVRMVM SM
KMSC

HAUS BOU 081700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO
SDF NUMBER 681B ISSUED 1700Z 08 JULY 1970

CLASS C, LOW ENERGY FLARES EXPECTED THE NEXT 13 HOURS

A. THE SUN HAS BEEN QUIET THE LAST 24 HOURS. A FEW MORE
LEADER SPOTS HAVE EMERGED BETWEEN THE LARGE LEADER AND
TRAILER OF THE REGION LOCATED AT S09W20, OTHERWISE NO
CHANGES OBSERVED IN THE DISK OR LIMBS. THE GEOMAGNETIC
FIELD IS QUIET. ATS-1 SATELLITE PROTON COUNTERS ARE AT
BACKGROUND. NEUTRON COUNTING RATES REMAIN 2 PERCENT BELOW
NORMAL.

B. LOW NON-ENERGETIC FLARE ACTIVITY IS EXPECTED THE NEXT 72
HOURS. THE MAGNETIC DISTURBANCE FORECASTED YESTERDAY HAS NOT
ARRIVED AND IT IS BELIEVED THAT THE FIELD WILL REMAIN QUIET
THE NEXT FEW DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24
HOUR PERIODS BEGINNING 08 JULY/1700Z ENDING 11 JULY/1700Z.

CLASS M OR GREATER 45/50/55

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7CM FLUX FOR 08/1400Z WAS 152. PREDICTED 10.7CM
FLUX FOR 09-11 JULY IS 145/140/140.

E. MAGNETIC A-FREDERICKSBURG FOR 07 JLY WAS 05. FOR 08 JULY
ABOUT 10. PREDICTED AP FOR 09-11 JULY IS 12/10/08.

SOLTERWARN

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