

HAUS BOU 080425Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 500A ISSUED 0400Z 08 JAN 1970

ONLY INFREQUENT CLASS C FLARES ARE EXPECTED DURING THE NEXT 13-HOUR PERIOD.

A. NO FLARES HAVE BEEN REPORTED SINCE ABOUT 07/1900Z. THIS IS CONSISTENT WITH A DISK NEARLY DEVOID OF SPOT GROUPS; THE TOTAL AREA OF THE 3 CENTERS CURRENTLY VISIBLE IS LESS THAN 100 MILLIONTHS. ON THE EAST LIMB NEAR N20 AN IMPORTANCE 2 ERUPTIVE PROMINENCE BEGAN ABOUT 08/0140Z. THIS MAY REPRESENT THE FIRST OF A SERIES OF LIMB EVENTS AT THAT LATITUDE WHERE A PREVIOUSLY ACTIVE REGION IS DUE TO RETURN.

B. THE EXTREMELY LOW SOLAR ACTIVITY THAT CURRENTLY PREVAILS IS EXPECTED TO CONTINUE APPROXIMATELY ONE MORE DAY.

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

CLASS M OR GREATER 40/40/40

CLASS X 05/05/05

PROTON EVENTS 02/02/02

D. OTTAWA 10.7 CM FLUXES FOR 07/1700 AND 2000Z WERE 117 AND 120 RESPECTIVELY.

SOLTERWARN

SPAN

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HAUS BOU 081705Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 500B ISSUED 1700Z 08 JANUARY 1970

ONLY CLASS C FLARES ARE EXPECTED DURING THE NEXT 11 HOURS

A. THE SOLAR DISK IS VERY QUIET WITH ONLY A FEW INSIGNIFICANT  
SMALL SPOT GROUPS. A WEAK PLAGE AREA NEAR THE NE LIMB MARKS  
THE RETURN OF THE PREVIOUSLY ACTIVE CARRINGTON LONGITUDES.  
THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY WILL REMAIN VERY LOW AS THERE IS NO INDICATION  
AT THE PRESENT TIME OF ANY RETURNING ACTIVE REGIONS.

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

CLASS M OR GREATER 20/30/30

CLASS X 01/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7CM FLUX AT 1400Z WAS 114. PREDICTED 110/115/123.

E. MAGNETIC A-FREDERICKSBURG FOR 07 JAN WAS 03. FOR 08 JAN  
ABOUT 05. PREDICTED AP FOR 09-11 JAN 08/08/10.

SOLTERWARN

SPAN

BT