

#NNNN0353

NNNN

KMSC

HAUS BOU 250400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 517A ISSUED 0400Z 25 JANUARY 1970

CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 13 HOURS.

A. THE ONLY ACTIVITY TODAY HAS BEEN THE WEST LIMB ACTIVITY REPORTED IN SDF 516B. THE REGION AT WEST LIMB S13 HAS BEEN ACTIVE MOST ALL OF THE DAY. THE REGION S18E21 HAS HAD CONSIDERABLE SPOT AND PLAGE GROWTH. THIS REGION IS QUITE COMPACT AND IS THE BRIGHTEST REGION ON THE DISK. THE GEOMAGNETIC FIELD IS QUIET.

B. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. IF THE REGION S18E21 CONTINUES ITS GROWTH IT MAY BE CAPABLE OF FLARE PRODUCTION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 25 JAN/0400Z ENDING 28 JAN/0400Z

CLASS M OR GREATER 25/25/25

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX 24/1700Z AND 2000Z WERE 148 AND 150 RESPECTIVELY.

SOLTERWARN

SPAN

NNNN1701

NNNN1702

NNNN

KMSC

HAUS BOU 251700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 517B ISSUED 1700Z 25 JAN 1970

ONLY CLASS C ACTIVITY IS EXPECTED DURING THE NEXT 11 HOURS.

A. ONLY A FEW CLASS C SUBFLARES HAVE OCCURRED DURING THE PAST 13 HOURS. THE SPOT GROUPS NEAR S08E09 AND S13E10 HAVE GROWN FROM B- TO D-TYPE GROUPS WITHIN THE PAST 24 HOURS. THE S08E09 PLAGE IS VERY BRIGHT AND COMPACT WITH FREQUENT POINT BRIGHTENINGS SUGGESTIVE OF CONTINUING DEVELOPMENT. THE S13E10 PLAGE IS RELATIVELY FAINT AND SCATTERED. AN E-W FILAMENT HAS DEVELOPED BETWEEN THESE TWO REGIONS. MINOR SURGE ACTIVITY IS REPORTED ON WEST LIMB NEAR N13 AND S13. THE GEOMAGNETIC FIELD IS QUIET.

B. ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL FOR THE NEXT 72 HOURS. INFREQUENT CLASS M FLARES ARE EXPECTED IN 12 TO 24 HOURS IF GROWTH CONTINUES IN THE S08E09 REGION.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 25 JAN/1700Z ENDING 28/1700Z.

CLASS M OR GREATER 25/35/35

CLASS X 02/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX AT 1400Z WAS 156. PREDICTED 150/145/140.

E. MAGNETIC A-FREDERICKSBURG FOR 24 JAN WAS 05. FOR 25 JAN ABOUT 04 PREDICTED AP FOR 26-28 JAN, 06/03/08.

SOLTERWARN

SPAN

BT

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