

NNNNUU0350
NNNNUM0350
NNNNDM0356
NNNNGM

KMSC

HAUS BOU 140400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 596A ISSUED 0400Z 14 APRIL 1970

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

A. DURING THE PAST 24 HOURS 4 CLASS M X-RAY EVENTS HAVE BEEN RECORDED, 13/0402Z, 13/0545Z, 13/1205Z, 13/2209Z. THESE EVENTS FOR WHICH NO OPTICAL FLARES HAVE BEEN OBSERVED MAY HAVE ALL BEEN ASSOCIATED WITH THE ACTIVITY ON THE NE LIMB WHERE MUCH ACTIVITY HAS BEEN OBSERVED DURING PAST 20-24 HOURS. THE REGION IS JUST STARTING ITS LIMB PASSAGE SO NO REAL EVALUATION CAN BE MADE.

SATELLITE DETECTORS, HOWEVER, INDICATE THAT THE REGION HAS BEEN QUITE ACTIVE DURING PAST 6 HOURS. THE GEOMAGNETIC FIELD IS QUIET.

B. MOST OF THE REGIONS ON THE DISK WILL REMAIN QUIET, THE REGION S08E31 IS SHOWING RAPID GROWTH AND MAY PRODUCE FLARE ACTIVITY. THE NEW REGION NE 17-20 IS EXPECTED TO BE ACTIVE.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14 APRIL/0400Z ENDING 17 APRIL/0400Z

CLASS M OR GREATER 90/90/90

CLASS X 15/15/15

PROTON EVENTS 15/15/15

D. OTTAWA 10.7 CM FLUXES 13/1700Z AND 2000Z WERE 184 AND 182 RESPECTIVELY.

SOLTERWARN

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NNNNUU0400

NNNNUU1701

NNNNUM

KMSC

HAUS BOU 141700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 596B ISSUED 1700Z 14 APRIL 1970

CLASS M FLARES ARE EXPECTED DURING THE NEXT 11 HOURS

A. SOLAR ACTIVITY IS CURRENTLY AT A LOW LEVEL WITH ONLY CLASS C FLARES BEING OBSERVED. SURGES AND BSLS CONTINUE FROM N17EL, HOWEVER, WITH DECREASING MAGNITUDE. NO SPOTS HAVE BEEN OBSERVED HERE IN WHITE LIGHT AS THE REGION IS APPARENTLY STILL BEHIND THE LIMB. MINOR SPOT GROWTH HAS OCCURRED TO THE SOUTH OF THE LEADER PENUMBRA AT N18W22. ALL OTHER REGIONS ARE STABLE. THE GEOMAGNETIC FIELD IS QUIET. ATS-1 SATELLITE PROTON FLUXES ARE AT BACKGROUND.

B. IF THE N17EL REGION TURNS OUT TO BE UNIMPRESSIVE, CLASS M ACTIVITY WILL BE DECREASING DURING THE NEXT 3 DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 14/1700Z ENDING 17/1700Z.

CLASS M OR GREATER 80/70/60

CLASS X 10/10/05

PROTON EVENTS 10/05/05

D. OTTAWA 10.7CM FLUX AT 1400Z WAS 174. PREDICTED 165/160/160.

E. MAGNETIC A-FREDERICKSBURG FOR 13 APRIL WAS 02. FOR 14 APRIL ABOUT 02. PREDICTED AP FOR 15-17 APRIL 10/10/10.

SOLTERWARN

SPAN

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