

NNNN0400

NNNN

KMSC

HAUS BOU 010400Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 493A ISSUED 0400Z 01 JAN 1970

CLASS M FLARES ARE EXPECTED IN THE NEXT 13 HOURS.

A. A SMALL CLASS M FLARE WAS REPORTED FROM THE N14E19 REGION BEGINNING 31/2221Z. SOME MAGNETIC COMPLEXITY IS APPARENT IN THIS REGION. MAGNETIC COMPLEXITY IS ALSO REPORTED BY MT WILSON IN THE REGION AT S17W23, WHERE AN INTRUSION OF OPPOSITE POLARITY IS REPORTED IN THE REGION'S CENTER. ALL OTHER REGIONS HAVE BEEN CALM. PROTON FLUXES ARE STILL SLIGHTLY ENHANCED, BUT DECREASING. GEOMAGNETIC FIELD IS QUIET.

B. CLASS M FLARES ARE PROBABLE FROM N14E19 REGION. CLASS M FLARES ARE LESS PROBABLE FROM S17W23 REGION.

D. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT

GQIY

12 HOUR PERIODS BEGINNING 01 JAN/0400Z ENDING 04 JAN/0400Z.

CLASS M OR GREATER 50/50/50

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTTAWA 10.7 CM FLUX AT 1700Z WAS 159. AT 2000Z IT WAS 159.

SOLTERWARN

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NNNN1657

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KMSC

HAUS BOU 011700Z

FROM SPACE DISTURBANCE FORECAST CENTER ESSA BOULDER COLO

SDF NUMBER 493B ISSUED 1700Z 01 JANUARY 1970

CLASS M FLARES ARE POSSIBLE DURING THE NEXT 11 HOURS

A. ACTIVITY DURING THE PAST 13 HOURS HAS BEEN MINOR. THE REGIONS NEAR N13E10 AND S18W29 REMAIN THE MOST LIKELY SOURCES OF ENERGETIC ACTIVITY, BUT NEITHER HAS SHOWN SIGNIFICANT CHANGE OR ACTIVITY IN THE LAST 13 HOURS. A BRIGHT PLAGE IS CROSSING THE EAST LIMB NEAR S12; NO SPOTS ARE VISIBLE. PROTON FLUXES AT SATELLITE ALTITUDES ARE APPROACHING BACKGROUND LEVELS. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. OCCASSIONAL CLASS M FLARES ARE EXPECTED FROM THE N13E10 AND S18W29 REGIONS DURING THE NEXT 72 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 01 JAN/1700Z ENDING 04/1700Z.

CLASS M OR GREATER 50/50/50

CLASS X 05/05/05

PROTON EVENTS 05/05/05

D. OTTAWA 10.7CM FLUX AT 1400Z WAS 161. PREDICTED 160/160/160.

E. MAGNETIC A-FREDERICKSBURG FOR 31 DEC WAS 1. FOR 01 JAN ABOUT 06. PREDICTED AP FOR 02-04 JAN 08/10/10.

SOLTERWARN

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