

NNNN0400

NNNN

KMSC

HAUS BOU 030400

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 829A ISSUED 0400Z 03 DEC 1970

CLASS-C FLARES ARE EXPECTED DURING THE NEXT 13 HOURS.

A. SOLAR ACTIVITY HAS REMAINED AT A LOW LEVEL DURING THE PAST 11 HOURS; ONLY A FEW CLASS-C FLARES HAVE BEEN REPORTED. THE MOST SIGNIFICANT EVENT CONSISTED OF A FLARE-BRIGHT PROMINENCE ERUPTION THAT BEGAN AT 03/0200Z AT NE13; A CLASS-C X-RAY BURST ACCOMPANIED THE EPL. THIS EVENT PROBABLY ORIGINATED IN A REGION BEHIND THE LIMB; THE REGION THAT REACHED A SIZE OF F/1760 AND PRODUCED NUMEROUS ENERGETIC EVENTS DURING ITS PREVIOUS DISK PASSAGE IS DUE TO RETURN AT NE16 DURING THE NEXT 24 HOURS. THE REGIONS ON THE VISIBLE DISK HAVE SHOWN RELATIVELY LITTLE RECENT DEVELOPMENT. THE GEOMAGNETIC FIELD HAS REMAINED RELATIVELY QUIET DURING THE PAST 24 HOURS.

B. OCCASIONAL CLASS-C FLARES ARE EXPECTED DURING THE NEXT THREE DAYS; ALTHOUGH NO EVALUATION OF THE RETURNING REGION BEHIND THE LIMB AT NE16 PRESENTLY IS POSSIBLE, THERE IS A FAIR CHANCE THAT ONE OR TWO CLASS-M EVENTS MAY BE PRODUCED BY THAT REGION AS IT CROSSES THE EAST LIMB DURING THE NEXT TWO OR THREE DAYS. THE GEOMAGNETIC FIELD IS EXPECTED TO SHOW OCCASIONAL PERIODS OF SLIGHT DISTURBANCE DURING THE NEXT 48 HOURS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 DEC/0400Z ENDING 06 DEC/0400Z.

CLASS M OR GREATER 40/40/40

CLASS X 01/01/01

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUXES FOR 02/1700Z AND 02/2000Z WERE 160 AND 152 RESPECTIVELY.

SOLTERWARN

SPAN

BT

HAUS BOU 031700

FROM SPACE DISTURBANCE FORECAST CENTER BOULDER COLO

SDF NUMBER 829B ISSUED 1700Z 03 DEC 1970

ENERGETIC LIMB EVENTS ARE POSSIBLE DURING THE NEXT 11 HOURS.

A. ONLY SPORADIC CLASS C SUBFLARES FROM SCATTERED REGIONS HAVE BEEN OBSERVED DURING THE PAST 13 HOURS. NEW SPOT GROUPS ARE DEVELOPING NEAR S17E13, S12E28, AND N06E08. ACTIVITY IS INCREASING ON BOTH THE NORTHEAST AND SOUTHEAST LIMBS. BRIGHT PLAGE IS NOW ROTATING ONTO THE DISK NEAR SE13. POSSIBLE CORONAL RAIN IS REPORTED NEAR NE15 WHERE THE REGION WHICH PRODUCED THE ACTIVITY DURING 14-18 NOVEMBER IS DUE TO RETURN. THE GEOMAGNETIC FIELD HAS BEEN QUIET.

B. SPORADIC CLASS C FLARES ARE EXPECTED DURING THE NEXT 72 HOURS FROM THOSE REGIONS NOW ON THE VISIBLE DISK. ENERGETIC EVENTS OF CLASS M OR GREATER MUST BE CONSIDERED POSSIBLE FROM THE NE LIMB FOR THE NEXT 36 HOURS. A GRADUAL INCREASE IN THE LEVEL OF GEOMAGNETIC ACTIVITY IS EXPECTED DURING THE NEXT 3 DAYS.

C. FLARE AND PROTON EVENT PROBABILITIES FOR THE NEXT THREE 24 HOUR PERIODS BEGINNING 03 DEC/1700Z ENDING 06 DEC/1700Z.

CLASS M OR GREATER 40/45/50

CLASS X 01/02/02

PROTON EVENTS 01/01/01

D. OTTAWA 10.7 CM FLUX FOR 03/1400Z WAS 154. PREDICTED 10.7 CM FLUX FOR 04-06 DEC IS 155/160/165.

E. MAGNETIC A-FREDERICKSBURG FOR 02 DEC WAS 03. FOR 03 DEC ABOUT 08. PREDICTED AP FOR 04-06 DEC, 08/10/10.

SOLTERWARN

SPAN

BT