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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 089A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 30 MAR 1973

IA. SOLAR ACTIVITY HAS BEEN LOW. A CLASS C5 EVENT WITHOUT OPTICAL  
COUNTERPART OCCURED AT 29/2301Z. A MODERATELY INTENSE TYPE II  
DEKAMETRIC BURST BEGAN AT 29/2251Z. A SUBFLARE WITH AN ASSOCIATED  
SURGE AT 30/0456Z REACHED INTENSITY C5. THE FLARE WAS IN THE  
RETURNING REGION AT N12-N15 EAST LIMB. THUS FAR, AN H-TYPE SPOT  
AND INDEFINITE PLAGE HAVE APPEARED AT THAT LOCATION. SOME GROWTH  
AND RELATIVE MOTION OF MAGNETIC STRUCTURES HAVE BEEN NOTED IN  
REGION 064 (S04E41).

IB. NO CHANGE

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED AND IS EXPECTED TO  
BE UNSETLED DUE TO SUBSTORM ACTIVITY THE NEXT 24 HOURS. A WEAK  
SUDDEN COMMENCEMENT IS POSSIBLE ABOUT 01/0000Z BUT NO ENSUING  
MAGNETIC DISTURBANCE BEYOND RECURRENT ACTIVITY IS EXPECTED.

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 089B  
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 30 MARCH 1973

IA. SOLAR ACTIVITY CONTINUES LOW WITH SUBFLARES FROM RGN 064(S07E39)  
AND NEW RGN 067(N15E78) WHICH IS OLD RGN 054. SUBFLARES IN RGN 064  
PRODUCED SMALL CENTIMETRIC BURSTS AT 0712Z, 0745Z, AND 0853Z.  
AN ERUPTIVE PROMINENCE AT SE15 MAY BE THE FIRST INDICATION OF THE  
RETURN OF ACTIVE RGNS 051/053.

IB. ACTIVITY IS EXPECTED TO INCREASE SLIGHTLY WITH THE GROWTH OF  
RGN 064, THE TRANSIT OF RGN 067 ONTO THE DISC, AND A PROBABLE  
RETURNING REGION AT SE15.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED AND IS EXPECTED TO  
BE UNSETLED TO QUIET FOR THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 30 MAR - 01 APR

CLASS M 40/40/40  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED		29 MAR	99
PREDICTED	30 MAR - 01 APR		102/104/106
90-DAY MEAN		29 MAR	101

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	28 MAR	16
ESTIMATED	29 MAR	10
PREDICTED	30 MAR - 01 APR	09/08/07
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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 089  
JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 30 MARCH 1973.  
IA. FIVE CLASS C EVENTS HAVE BEEN REPORTED SINCE THE LAST  
PRIMARY REPORT. TWO WERE FLARE EVENTS IN 064 (S05E31), ONE WAS  
A FLARE EVENT IN NEW REGION 067 (N12E71), AND TWO HAD NO  
REPORTED OPTICAL ASSOCIATION. THE MOST INTERESTING OF THE LATTER  
STARTED AT 292242Z, AND CONSISTED OF A LONG-LIVED X-RAY EVENT  
(CLASS C3) WHICH WAS ASSOCIATED WITH A DEKAMETRIC TYPE II  
BURST. REGION 061 HAS BEEN INACTIVE (TWO SUBFLARES).  
IB. CLASS C ACTIVITY IS EXPECTED TO CONTINUE IN 064 AT A SLIGHTLY  
INCREASING RATE (ONE CLASS C EVENT PER SIX HOURS), AND TO  
INCREASE FROM 067 (ONE CLASS C EVENT PER TWELVE HOURS). CORONAL  
ACTIVITY, AS EVIDENCED IN X-RAY EVENTS AND LONG-WAVELENGTH RADIO  
BURSTS, WILL CONTINUE.  
II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED, AND WILL CONTINUE SO.  
III. EVENT PROBABILITIES 31 MARCH - 2 APRIL  
CLASS M 40/45/45  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 30 MARCH 103  
PREDICTED 31 MARCH-2 APRIL 105/107/108  
90-DAY MEAN 30 MARCH 101  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 29 MARCH 13  
ESTIMATED 30 MARCH 12  
PREDICTED 31 MARCH -2 APRIL 12/14/14  
SOLTERWARN  
SPAN  
BT

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