

Number of returning region?

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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 UNSETTLED AND IS EXPECTED TO
BE UNSETTLED DUE TO SUBSTORM ACTIVITY THE NEXT 24 HOURS. A WEAK
SUDDEN COMMENCEMENT IS POSSIBLE ABOUT 01/0000Z BUT NO ENSUEING
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 UNSETTLED AND IS EXPECTED TO
BE UNSETTLED 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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HFUS BOU 302200

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 UNSETTLED, 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

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