

HOUS 2 BOU 280200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
28/0200Z MAR 1973

I. SUNSPOT DATA FROM CANARY IS AT 27/0800Z.

NMBR LOCATION LO AREA Z LL NN MAGTYPE

059 N15W69 227 0030 H // 01 ALPHA

Beta - Gamma

061 N08E10 148 0260 D 08 04 BETAGAMMAS

064 S03E78 080 0100 D 09 03 BETA

NOTE (A) MAGNETIC CLASSIFICATION INFERRED AT CANARY IS.

(B) SMALL BIPOLAR PLAGE REGION (065) OBSERVED AT

S19W15 BY CANARY IS. AT 1800Z. THIS REGION

CONTAINS CRO TYPE SPOT GROUP.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS

RGN	IMP	BEGIN	MAX	END	CLASS
059	1N	27/0835Z	XXXXXXXX	27/0855Z	
059	1B	27/2128Z	27/2130Z	27/2129Z	S

III. NONE

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HFUS 1 BOU 280600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 087A
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 28 MAR 1973
IA. MOST ACTIVITY HAS BEEN IN REGION 061 (N08W03). THE EMBEDDED
FILAMENTS IN THE REGION HAVE BEEN ACTIVE AND FLARES REPORTED
VARIOUSLY AS SUBNORMAL TO ONE BRILLIANT MAY HAVE EXCEEDED CLASS ^{REALLY}
M THRESHOLDS. SMALL NEW REGIONS HAVE APPEARED AT S20W07, S10 ^{"SUB BRILLIANT TO}
E35 AND N18E18. ^{"ONE NORMAL"}
IB. NO CHANGE
II. AN APPARENT PAIR OF SUBSTORMS PRODUCED DISTURBED GEOMAGNETIC
FIELD CONDITIONS FROM 27/2220Z TO 28/0250Z.
III. NO CHANGE
IV. NO CHANGE
V. NO CHANGE
SOLTERWARN
SPAN
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HFUS 1 BOU
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO.
SDF NUMBER 087B
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 28 MARCH 1973

IA. SOLAR ACTIVITY HAS INCREASED SLIGHTLY WITH THE BIRTH OF RGN 065(S10E31) AS A SMALL BIPOLE SPOT GROUP WITH ARCH FILAMENTS IN A SMALL BRIGHT PLAGE AND ALSO RGN 066(S19W25) AS AN "A TYPE" GROUP WITH A DIM PLAGE. COMPACT PLAGE HAS EMERGED AT N18E11 BUT ASSOCIATED SPOTS HAVE NOT YET BEEN REPORTED. SUBFLARE ACTIVITY HAS CONTINUED VERY LOW WITH THE EXCEPTION OF A FLARE IN RGN 061(N07W03) AT 0106Z WHICH COULD POSSIBLY HAVE REACHED CLASS M X-RAY THRESHOLDS.

IB. ACTIVITY IS EXPECTED TO REMAIN GENERALLY LOW DURING THE FORECAST PERIOD WITH THE POSSIBILITY OF SMALL CLASS M X-RAY EVENTS FROM RGNS 059(N08W85), 061(N08W07), OR 064(S03E62).

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE AND IS EXPECTED TO CONTINUE STRONGLY UNSETLED TO ACTIVE THROUGHOUT THE FORECAST PERIOD, WITH A PEAK IN ACTIVITY ON 29 MARCH.

III. EVENT PROBABILITIES 28 - 30 MAR

CLASS M 40/40/40

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 MAR 92

PREDICTED 28 - 30 MAR 94/96/97

90-DAY MEAN 27 MAR 101

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 MAR 19

ESTIMATED 27 MAR 19

PREDICTED 28 - 30 MAR 15/20/15

SPAN

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KBOU

HFUS BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 087

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 28 MARCH 1973

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS WITH
A DOZEN C-CLASS SUBFLARES REPORTED. REGION 059 (NW15) HAS PRODUCED
SMALL SURGES AS IT TRANSITS WEST LIMB. REGION 061 (N08W10) WHICH
IS SLOWLY DECAYING AND REGION 064 (S04E58) WHICH IS SLOWLY GROWING
HAVE EACH PRODUCED ABOUT 4 SUBFLARES.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW. WHILE A SMALL
M-CLASS EVENT MAY OCCUR IN EITHER REGION 061 OR REGI N 064, NO LARGE
ENERGETIC FLARES ARE ANTICIPATED.

III. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED. THE FIELD IS EX-
PECTED TO BECOME ACTIVE AGAIN EARLY IN THE FORECAST PERIOD AND
THEN BECOME UNSETTLED TO QUIET TOWARD THE END OF THE PERIOD.

III. EVENT PROBABILITIES 29 MAR 31 MAR.

CLASS M 30/30/25

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 28 MAR 94

PREDICTED 29 MAR - 31 MAR 94/97/99

90-DAY MEAN 28 MAR 101

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 27 MAR 21

ESTIMATED 28 MAR 12

PREDICTED 29 MAR - 31 MAR 20/15/08

SOLTERWARN

SPAN

BT