

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

061 N08E10 148 0260 D 08 04 BETAGAMMA

064 S03E78 080 0100 D 09 03 BETA

Beta - Gamma

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
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059	1N	27/0835Z	XXXXXXXX	27/0855Z	
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059	1B	27/2128Z	27/2130Z	27/2129Z	S
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III. NONE

SOLTERWARN

SPAN

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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 UNSETTLED 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

BT

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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 REGION 064, NO LARGE ENERGETIC FLARES ARE ANTICIPATED.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. THE FIELD IS EXPECTED 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

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