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KBOU

HOUS 2 BOU 100200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
10/0200 MAR 1973

I. SUNSPOT DATA FROM CANARY IS AT 09/0900Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

051	S18E16	017	0130	H	02	04	ALPHA
053	S16E15	018	0010	A	02	02	BETA
054	N13E08	025	0050	C	08	07	BETA
055	S07E52	341	0210	D	08	12	BETA-GAMMA
056	S10E68	325	0100	H	02	01	ALPHA

MAGNETIC CLASSIFICATIONS FROM MT WILSON

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

RGN	IMP	BEGIN	MAX	END	CLASS
055	SN	09/0432Z	0434Z	0500Z	S

III. AREAS OF SPECIAL INTEREST-

RGN 055 SHOWS DELTA MAGNETIC CONFIGURATION IN FOLLOWER SPOTS.

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HFUS 1 BOU 100600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 069A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 10 MARCH 1973

IA. NO CHANGE

IB. NO CHANGE

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

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HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 069B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 10 MARCH 1973

IA. SOLAR ACTIVITY HAS BEEN LOW WITH NO FLARES REPORTED TODAY.  
ALTHOUGH NOW DORMANT, REGION 055(S08E44) STILL SHOWS A MAGNETIC  
DELTA CONFIGURATION INDICATING STRONG GRADIENTS EXIST IN THIS  
REGION.

IB. A MODERATE CLASS M EVENT IS EXPECTED FROM REGION 055 DURING  
THE NEXT 48 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. GENERALLY QUIET CONDITIONS  
ARE EXPECTED TO CONTINUE.

III. EVENT PROBABILITIES 10 - 12 MAR

CLASS M 50/50/50

CLASS X 02/02/02

PROTON 01/01/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 09 MAR 103

PREDICTED 10 - 12 MAR 110/109/108

90-DAY MEAN 09 MAR 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 08 MAR 06

ESTIMATED 09 MAR 10

PREDICTED 10 - 12 MAR 06/05/05

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HFUS BOU 102200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 069

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 10 MARCH 1973

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HRS WITH  
ONLY THREE NON-ENERGETIC SUBFLARES FROM RGN 055 /S08E33/ AND ONE  
SUBFLARE FROM NEW RGN 057 /S14E47/ WHICH HAS EMERGED JUST SW OF  
RGN 056 /S12E50/. MT. WILSON MAGNETIC DATA NO LONGER SHOWS ANY  
DELTA CONFIGURATION IN RGN 055 WHICH SEEMS TO BE STABILIZED AS A  
SIMPLE BIPOLE. RGN 054 /N13W11/ SHOWS NEW SPOT GROWTH AND BRIGHT-  
ENING PLAGE.

IB. ACTIVITY WILL CONTINUE TO BE LOW WITH THE POSSIBILITY OF  
ENERGETIC ACTIVITY DECREASED DUE TO THE SIMPLIFICATION OF RGN 055.  
INCREASED SUBFLARE ACTIVITY IS LIKELY IN RGNS 056/057 DUE TO THEIR  
PROXIMITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN  
GENERALLY QUIET THROUGH 12 MARCH WHERE A RECURRENT QUIET PERIOD HAS  
EXISTED FOR THE PAST FOUR SOLAR ROTATIONS. HOWEVER, SLIGHT INCREASES  
IN PIONEER 9 SOLAR WIND DATA INDICATE THE POSSIBILITY OF UNSETLED  
CONDITIONS FOR 11-12 MARCH. UNSETLED CONDITIONS ARE ANTICIPATED  
TO RESUME 13 MARCH.

III. EVENT PROBABILITIES 11 MARCH - 13 MARCH

CLASS M 30/30/30

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 MAR 111

PREDICTED 11-13 MAR 110/108/106

90-DAY MEAN 10 MAR 103

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 MAR 09

ESTIMATED 10 MAR 05

PREDICTED 11-13 MAR 05/06/10

SOLTERWARN

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