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HOUS 2 BOU 0230200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
23/0200Z JAN 1973

I. SUNSPOT DATA FROM RAMEY AT 22/1258Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

008	N10W35	314	0100	C	03	04	BETA
012	S14W45	324	0050	D	07	02	BETA
014	N08E32	247	0020	H	01	01	ALPHA
016	S14E19	260	0010	B	03	05	BETA
017	N10E42	237	0040	D	04	06	BETA

MAG-TYPE INFERRED AT RAMEY

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

NONE

III.

AREAS OF SPECIAL INTEREST-

NONE

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HFUS 1 BOU 0230600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 023  
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 23 JANUARY 1973  
IA. NO CHANGE  
IB. NO CHANGE  
II. NO CHANGE  
III. NO CHANGE  
IV. NO CHANTE  
V. NO CHANGE  
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HFUS 1 BOU 231300  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 023B  
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 23 JANUARY 1973  
IA. ACTIVITY CONTINUES VERY LOW WITH NO FLARES REPORTED IN THE PAST  
24 HOURS. REGIONS 016 (S14E02) AND 017 (N11E26) SHOW SLIGHT GROWTH.  
A NEW GROUP HAS EMERGED AT N02E18 (REGION 018, B TYPE).  
IB. ACTIVITY WILL CONTINUE VERY LOW.  
II. THE GEOMAGNETIC FIELD HAS BEEN MILDLY UNSETLED. QUIET CONDITIONS  
ARE EXPECTED ON 23 JAN, BECOMING UNSETLED BY 26 JAN.  
III. EVENT PROBABILITIES 23-25 JAN  
CLASS M 20/20/20  
CLASS X 01/01/01  
PROTON 01/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 22 JAN 102  
PREDICTED 23-25 JAN 104/103/103  
90-DAY MEAN 22 JAN 108  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 21 JAN 14  
ESTIMATED 22 JAN 04  
PREDICTED 23-25 JAN 02/04/06  
SOLTERWARN  
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HFUS BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 023

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 23 JANUARY 1973.

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW. ONLY THREE ISOLATED SUBFLARES HAVE BEEN NOTED ON THE DISK IN THE PAST 24 HOURS. NONE OF THE EIGHT REGIONS CURRENTLY SEEN ON THE DISK ARE IMPRESSIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW. THE REGIONS WHICH HAVE BEEN ON THE DISK FOR A FEW DAYS ARE ALL DECLINING. NEW REGION 019 /S10E53/ IS A SMALL COMPACT AND INTENSE REGION WHICH APPEARS TO BE DEVELOPING RAPIDLY. IT SHOULD NOT YET BE CONSIDERED CAPABLE OF PRODUCING ENERGETIC FLARES. NO SPOTS HAVE YET BEEN SEEN IN A NEW REGION LOCATED AT N18W60, BUT THE AREA APPEARS HEATED UP ON EUV AND LONG X-RAY MAPS AND MAY DEVELOP AS IT CROSSES THE DISK. NO OLD REGIONS ARE DUE TO RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETLED DURING THE PAST 24 HOURS. THE FIELD IS EXPECTED TO BECOME QUIET EARLY IN THE FORECAST PERIOD AND THEN BECOME UNSETLED TO ACTIVE AGAIN LATE IN THE FORECAST PERIOD.

III. EVENT PROBABILITIES 24 JAN - 26 JAN.

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 23 JAN 100

PREDICTED 24 JAN - 26 JAN 101/101/103

90-DAY MEAN 23 JAN 107

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 22 JAN 04

ESTIMATED 23 JAN 09

PREDICTED 24 JAN - 26 JAN 04/06/08

SOLTERWARN

SPAN

BT