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HOUS 2 BOU 0240200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
24/0200 JAN 1973

I. SUNSPOT DATA FROM CANARY IS AT 23/0920Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

008 N11W51 317 0150 H 02 03 ALPHA

012 S15W62 328 0050 D 07 06 BETA

014 N11E19 247 0020 H 01 02 ALPHA

016 S14E04 262 0020 D 04 06 BETA

017 N12E27 239 0060 D 06 11 BETA

018 S03E22 244 0010 B 03 04 BETA

MAGNETIC CLASSIFICATION INFERRED AT CANARY IS.

MT. WILSON SAW SPOTS AT S10E55 AT 23/1745Z. THIS REGION (NOW  
NUMBERED 019) IS OBSERVED AS AN INTENSE EMERGING FLUX REGION IN  
H-ALPHA.

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-

NONE

III. AREAS OF SPECIAL INTEREST-

NONE

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HFUS 1 BOU 0240600  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 024  
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 24 JAN 1973  
IA. NO CHANGE  
IB. NO CHANGE  
II. NO CHANGE  
III. NO CHANGE  
IV. NO CHANGE  
V. NO CHANGE  
SOLTERWARN  
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HFUS 1 BOU

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 024B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1300Z 24 JAN 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH ONLY ONE SUBFLARE BEING  
REPORTED DURING THE PAST 15 HOURS. ALL REGIONS ARE SIMPLE  
MAGNETICALLY.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO  
REMAIN SO FOR THE BALANCE OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 24 - 26 JAN

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 JAN 100

PREDICTED 24 - 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 - 26 JAN 08/06/08

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HFUS BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 024

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 24 JAN 1973

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH ONLY THREE C-CLASS SUBFLARES NOTED DURING THE PAST 24 HOURS. MOST OF THE SOLAR ACTIVITY DURING THE PAST THREE DAYS HAS INVOLVED LITTLE NEW REGIONS WHICH HAVE APPEARED ON THE DISK, GROWN RAPIDLY FOR A DAY, THEN STABILIZED AND DECLINED. THESE REGIONS HAVE NOT BEEN CAPABLE OF PRODUCING MORE THAN AN OCCASIONAL NON-ENERGETIC SUBFLARE.

IB. SOLAR ACTIVITY WILL CONTINUE LOW. ENERGETIC FLARES ARE NOT ANTICIPATED FROM ANY OF THE EIGHT REGIONS CURRENTLY INHABITING THE VISIBLE DISK. NO SPOTS HAVE BEEN POSITIVELY IDENTIFIED IN A COMPLEX H-ALPHA PLAGE AREA LOCATED AT N18E43. THIS AREA DOES NOT CORRESPOND TO ANY OLD OBSERVED REGION AND IS THOUGHT TO BE A REGION WHICH PROBABLY WAS BORN AND BECAME WELL DEVELOPED ON THE BACK SIDE OF THE SUN. WHATEVER ACTIVITY THIS AREA MIGHT HAVE PRODUCED BEHIND THE SUN, IT NOW APPEARS TO BE IN AN ADVANCED STATE OF DECAY AND SHOULD NOT PRODUCE ENERGETIC EVENTS. NO OLD REGIONS ARE DUE TO RETURN.

II. THE GEOMAGNETIC FIELD HAS BEEN UNEXPECTEDLY ACTIVE FOR THE PAST 24 HOURS. THE FIELD IS EXPECTED TO BECOME UNSETTLED DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 25 JAN - 27 JAN

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JAN 100

PREDICTED 25 - 27 JAN 101/101/103

90-DAY MEAN 24 JAN 106

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JAN 10

ESTIMATED 24 JAN 16

PREDICTED 25 - 27 JAN 14/12/10

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HOUS 2 BOU 0250200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT  
24/0200Z JAN 1973

I. SUNSPOT DATA FROM CANARY IS. AT 24/0845Z.

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

008	N11W65	318	0130	H	02	02	ALPHA
012	S15W73	326	0040	C	07	03	BETA
014	N11E03	250	0010	H	00	01	ALPHA
016	S14W09	262	0010	B	03	02	BETA
017	N11E14	239	0070	D	07	09	BETA
019	S08E46	207	0030	C	03	03	BETA
020	S10W13	266	0020	C	03	04	BETA

MAGNETIC CLASSIFICATION INFERRED AT CANARY IS.

MT. WILSON REPORTS NEW REGION 021 (N19E10 AT 24/1730Z)

II. IMPORTANCE ONE OR GREATER FLARES AND ENERGETIC EVENTS-  
NONE

III. AREAS OF SPECIAL INTEREST-

OBSERVERS ARE CHALLENGED TO FIND SPOTS IN IMPRESSIVE H-ALPHA  
REGION CENTERED AT N18E43

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