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HOUS 2 BOU 050200

JOINT AESU/SESC SOLAR REGION AND ACTIVITY SUMMARY ISSUED AT
05/0200Z MARCH 1973

I. SUNSPOT DATA FROM RAMEY AT 04/1210Z

NMBR LOCATION LO AREA Z LL NN MAG-TYPE

044 N04W43 141 0060 C 05 06 BETA

045 S15W80 178 0000 A 00 01 ALPHA

051 S20E80 018 0120 H 02 01 ALPHA

MAGNETIC CLASSIFICATIONS FROM RAMEY.

II. NONE

III. NONE

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HFUS 1 BOU 050600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 064A
JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 05 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 064B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 05 MARCH 1973

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW, WITH ONLY ONE SUBFLARE
REPORTED IN THE LAST 24 HOURS. SLIGHT SPOT DEVELOPMENT AND MINOR
FILAMENT ACTIVITY HAVE BEEN OBSERVED SE OF THE LARGE SPOT IN REGION
044(N04W56), WHICH REMAINS THE ONLY INTERESTING DISC FEATURE.

IB. ACTIVITY SHOULD CONTINUE VERY LOW, WITH LESS THAN 50 PERCENT
CHANCE OF M-CLASS ACTIVITY FROM 044.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET CONDITIONS SHOULD
CONTINUE FOR ABOUT 16 HOURS, THEREAFTER THE FIELD SHOULD BECOME
UNSETTLED.

III. EVENT PROBABILITIES 05 - 07 MAR

CLASS M 45/40/40

CLASS X 05/04/03

PROTON 05/04/03

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 MAR 98

PREDICTED 05 - 07 MAR 96/95/95

90-DAY MEAN 04 MAR 102

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 MAR 16

ESTIMATED 04 MAR 04

PREDICTED 05 - 07 MAR 07/10/12

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HFUS 2 BOU 051800
FROM SPACE ENVIRONM

NT SERVICES CENTER BOULDER COLO

JOINT AESU/SESC EXTENDED PERIOD REPORT ISSUED AT 1800Z 05 MARCH 1973
THIS MESSAGE IN THREE PARTS.

PART I. THIS FORECAST ISSUED AT 1800Z EACH MONDAY IS VALID FOR
A 27 DAY PERIOD. A 27-DAY MEAN VALUE OF 2800 MHZ FLUX IS GIVEN
WITH THE INCLUSIVE DATES TO EXPECT SIGNIFICANT DEVIATIONS FROM
THE MEAN.

A. THE FOLLOWING CATEGORIES ARE USED:

1. MUCH BELOW MEAN. FOR PERIODS WHEN THE DAILY VALUE IS FORE-
CAST TO BE MORE THAN 20 PERCENT BELOW THE EXPECTED MEAN.

2. BELOW MEAN. FOR PERIODS WHEN THE DAILY VALUE IS FORECAST
TO BE 10 TO 20 PERCENT BELOW THE EXPECTED MEAN.

3. ABOVE MEAN. FOR PERIODS WHEN THE DAILY VALUE IS FORECAST
TO BE 10 TO 20 PERCENT ABOVE THE EXPECTED MEAN.

4. MUCH ABOVE MEAN. FOR PERIODS WHEN THE DAILY VALUE IS FORE-
CAST TO BE MORE THAN 20 PERCENT ABOVE THE EXPECTED MEAN.

B. PART II INDICATES THE EXPECTED MEAN VALUE OF 2800 MHZ
(10.7 CM) RADIO FLUX FOR THE ENTIRE PERIOD. WHEN APPROPRIATE,
SIGNIFICANT DEVIATIONS FROM THE MEAN, WITH INCLUSIVE DATES TO
EXPECT THESE DEVIATIONS, ARE GIVEN.

C. PART III GIVES THE EXPECTED SOLAR EVENT ACTIVITY FOR THE
ENTIRE PERIOD. A RANGE IN THE NUMBER OF MINOR AND MAJOR EVENTS
TO EXPECT DURING THE PERIOD IS GIVEN, USUALLY FOLLOWED BY AN
APPROPRIATE REMARK INDICATING THE LIKELY PERIOD(S) TO EXPECT
THE MOST ACTIVITY.

PART II. 27-DAY 2800 MHZ FLUX DENSITY FORECAST:

A. MEAN 98

B. SIGNIFICANT DEVIATIONS:
NONE

PART III. 27-DAY SOLAR EVENT FORECAST:

A. MINOR SOLAR EVENTS 2-4
MAJOR SOLAR EVENTS ONE OR NONE

B. EXPECT MOST ACTIVITY:
25 MARCH-01 APRIL

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HFUS BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 064

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 05 MARCH 1973

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 044 (N08W63) PRODUCED A CLASS C2 X-RAY BURST AT 05/0025Z WHICH WAS OBSERVED BY THE OSO-7 AND SOLRAD SATELLITES. NO OPTICAL COUNTERPART WAS REPORTED. REGION 051 (S18E62) PRODUCED A SUBFLARE AT 05/1455Z. REGIONS 044 AND 051 ARE THE ONLY SPOT GROUPS VISIBLE. BOTH ARE STRUCTURALLY SIMPLE. REGION 044 CONTINUES TO DECLINE SLOWLY.

IB. SUBFLARE ACTIVITY IS EXPECTED FROM REGIONS 044 AND 051. THE POSSIBILITY OF CLASS M ACTIVITY FROM 044 IS DIMINISHING.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. MILDLY UNSETTLED CONDITIONS ARE EXPECTED TO BEGIN WITHIN 24 HOURS.

III. EVENT PROBABILITIES 06 MAR - 08 MAR.

CLASS M 40/35/30

CLASS X 02/02/01

PROTON 02/02/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 05 MAR 96

PREDICTED 06 MAR - 08 MAR 94/94/94

90-DAY MEAN 05 MAR 102

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 04 MAR 02

ESTIMATED 05 MAR 02

PREDICTED 06 MAR - 08 MAR 07/10/10

SOLTERWARN

SPAN

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