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HFUS 1 BOU 190600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 109A

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 0600Z 19 APRIL 1973.

IA. NO CHANGE

IB. SOLAR ACTIVITY TO REMAIN LOW. REGION 083(S13E31) HAS EXHIBITED
CONTINUED GROWTH. INCREASED ACTIVITY IS POSSIBLE FROM THIS REGION.

II. NO CHANGE

III. NO CHANGE

IV. NO CHANGE

V. NO CHANGE

SOLTERWARN

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HFUS 1 BOU 191300

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 109B

JOINT AESU/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1300Z 19 APRIL 1973

IA. SOLAR ACTIVITY REMAINS LOW. BOTH REGIONS 082 (N13E63) AND 083
(S13E23) CONTINUE GROWTH IN SUNSPOT AND PLAGE STRUCTURE.

IB. SOLAR ACTIVITY IS EXPECTED TO INCREASE OVER THE FORECAST PERIOD
AS REGIONS 082 AND 083 GROW.

II. THE GEOMAGNETIC FIELD HAS BEEN AT THE LOW SCALE OF A MINOR
MAGSTORM RESPONSE. IT IS EXPECTED TO REMAIN IN A MINOR MAGSTORM
TO HIGHLY ACTIVE CONDITION FOR THE BALANCE OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 19 APR - 21 APR

CLASS M 30/30/30

CLASS X 02/02/05

PROTON 01/01/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 18 APR 80

PREDICTED 19 -21 APR 81/82/85

90-DAY MEAN 18 APR 101

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 17 APR 29

ESTIMATED 18 APR 31

PREDICTED 19 -21 APR 32/29/24

SOLTERWARN

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HFUS BOU 192200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 109

JOINT AESU/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z APRIL 19 1973

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS, WITH ONLY NON-ENERGETIC SUBFLARES REPORTED. REGIONS 082 (N12E57) AND 083 (S12E23) ARE THE ONLY WHITE LIGHT REGIONS ON THE DISK. REGION 082 IS THE MORE COMPLEX, HAS PRODUCED MOST OF THE SUBFLARE ACTIVITY, AND HAS CHANGED LITTLE SINCE YESTERDAY. REGION 083 IS GROWING AT A MODERATE RATE AND CONTAINS ARCH FILAMENTS. THE LIMBS HAVE BEEN QUIET.

IB. ACTIVITY OTHER THAN MINOR SUBFLARES IS NOT EXPECTED UNLESS 082 AND 083 BECOME MORE COMPLEX. OLD REGION 064 IS DUE AT S05E90 AT APRIL 21/1800Z.

II. THE MINOR STORM PERSISTS IN THE GEOMAGNETIC FIELD, ALTHOUGH THE LEVEL OF ACTIVITY HAS DECREASED SLIGHTLY. CONTINUED DECREASE IN THE GENERAL LEVEL OF ACTIVITY IS EXPECTED THROUGHOUT THE NEXT THREE DAYS, WITH PERIODS OF HIGH ACTIVITY DURING LOCAL NIGHTTIME HOURS.

III. EVENT PROBABILITIES 20-22 APRIL

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 APRIL 82

PREDICTED 20-22 APRIL 84/86/89

90-DAY MEAN 19 APRIL 101

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 APRIL 35

ESTIMATED 19 APRIL 29

PREDICTED 20-22 APRIL 27/23/20

SOLTERWARN

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