

HFUS 1 BOU 220600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 053A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 22 FEB 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW THE PAST EIGHT HOURS. THE ONLY
FLARE REPORTED WAS A SUB-FAINT IN REGION 352 (S18W57). THE BASIC
STRUCTURE OF THE REGION IS UNCHANGED. A POSSIBLE NEW REGION HAS
BEEN REPORTED AT EAST LIMB NEAR N14. LIMB PROXIMITY PREVENTS EX-
TENSIVE ANALYSIS.

IB. FLARE ACTIVITY, POSSIBLY ENERGETIC, WILL CONTINUE IN REGION 352.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET SO FAR TODAY. ACTIVE
CONDITIONS ARE EXPECTED FOR THE NEXT 48 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

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HFUS BOU 221425

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 053B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 22 FEBRUARY 1974.

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS
WITH ONLY FOUR SMALL SUBFAINT FLARES REPORTED, ALL FROM REGION
352 (S18W61) WHICH APPEARS TO BE SIMPLIFYING. NEW PLAGE HAS RO-
TATED INTO VIEW AT (N14E80) BUT NO SPOTS ARE VISIBLE THERE YET.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW. REGION 354
(S16W45) APPEARS TO HAVE STABILIZED AND REGION 352 APPEARS TO
HAVE LOST ITS ENERGETIC FLARE POTENTIAL.

II. THE GEOMAGNETIC FIELD HAS BECOME QUIET. THE FIELD IS EX-
PECTED TO BE QUIET TO UNSETTLED FOR THE NEXT TWO DAYS.

III. EVENT PROBABILITIES 22 FEB 24 FEB.

CLASS M 30/20/10

CLASS X 02/01/01

PROTON 02/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 21 FEB 84

PREDICTED 22 FEB - 24 FEB 82/80/78

90-DAY MEAN 21 FEB 84

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 20 FEB 06

ESTIMATED AFR/AP 21 FEB 20/24

PREDICTED AFR/AP 22 FEB - 24 FEB 10/11 - 12/13 - 08/09

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FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 053

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 22 FEBRUARY 1974.

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL DURING THE PAST 24 HOURS. REGION 352 (S18W64) HAS SIMPLIFIED MAGNETICALLY AND THE H-ALPHA STRUCTURE IS LESS ORGANIZED. REGION 354 (S16W47) HAS SHOWN SLIGHT DEVELOPMENT IN THE LEADING PORTIONS OF THE SPOT GROUP WHILE LITTLE ELSE HAS CHANGED. REGION 348 IS NO LONGER VISIBLE IN WHITE LIGHT.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT A LOW LEVEL, HOWEVER, BOTH 352 AND 354 ARE CAPABLE OF ENERGETIC ACTIVITY BEFORE WEST LIMB PASSAGE.

II. THE GEOMAGNETIC FIELD IS QUIET TO SLIGHTLY UNSETTLED AND NO CHANGE IS EXPECTED DURING THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 23 FEB - 25 FEB.

CLASS M 30/20/15

CLASS X 02/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX.

OBSERVED 22 FEB 084

PREDICTED 23 FEB - 25 FEB 082/080/078

90-DAY MEAN 22 FEB 084

V. GEOMAGNETIC A INDICES.

OBSERVED FREDERICKSBURG 21 FEB 21

ESTIMATED AFR/AP 22 FEB 09/10

PREDICTED AFR/AP 23 FEB - 25 FEB 10/11 - 08/09 - 08/09

SOLTERWARN

SPAN

BT