

HFUS 1 BOU 240600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 055A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 24 FEBRUARY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.  
TWO SUBFLARES WERE OBSERVED IN THE EARLY PART OF THE PERIOD BUT  
SINCE THEN NO ACTIVITY HAS BEEN OBSERVED.

IB. SOLAR ACTIVITY WILL CONTINUE AT A LOW LEVEL, AN OCCASIONAL  
SUBFLARE FROM REGION 354 (S16W68) CAN BE EXPECTED.

II. THE GEOMAGNETIC DISTURBANCE HAS REDUCED IN INTENSITY DURING  
THE PAST THREE HOURS. THE FIELD WILL REMAIN DISTURBED DURING THE  
NEXT 24 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 241400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 055B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1400Z 24 FEB 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH ONLY OCCASIONAL  
SUBFLARES REPORTED DURING THE LAST 24 HOURS FROM REGIONS 352  
(S18W87) AND 354 (S16W73), WITH 1 SUBFLARE FROM EACH OF THESE  
REGIONS DURING THE LAST 8 HOURS. REGION 354 HAS APPARENTLY SLOWED  
OR STOPPED ITS GROWTH. REGION 355 (N12E48), WHICH PRODUCED  
SOME SUBFLARE ACTIVITY YESTERDAY, NOW APPEARS DIM AND STABLE.

IB. SOLAR ACTIVITY SHOULD CONTINUE GENERALLY LOW WITH A CHANCE  
OF A SMALL CLASS M EVENT, BUT UNLESS REGIONS NOW ON THE DISK SHOW  
SIGNS OF FURTHER DEVELOPEMENT, LATER FORECASTS WILL SHOW LOWER  
PROBABILITIES OF ENERGETIC EVENTS.

II. THE GEOMAGNETIC FIELD IS BEGINING TO QUIET SOMEWHAT AFTER  
YESTERDAYS MINOR STORM CONDITIONS, BUT SHOULD REMAIN ACTIVE  
FOR ANOTHER 24 HOURS, THEN UNSETTLED FOR THE REMAINDER OF THE  
PERIOD.

III. EVENT PROBABILITIES 24 FEB - 26 FEB

CLASS M 20/30/30

CLASS X 01/02/02

PROTON 01/02/07

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 FEB 86

PREDICTED 24 FEB - 26 FEB 87/86/85

90-DAY MEAN 23 FEB 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 FEB 13

ESTIMATED AFR/AP 23 FEB 35/51

PREDICTED AFR/AP 24 FEB - 26 FEB 20/24 - 14/16 - 12/13

SOLTERWARN

SPAN

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HFUS BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 055

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 24 FEB 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW WITH ACTIVITY LIMITED TO  
OCCASIONAL, APPARENTLY NON-ENERGETIC SUBFLARES. REGION 352 (S18W90)  
PRODUCED TWO SUBFLARES EARLIER IN THE DAY AND HAS PRODUCED  
OCCASIONAL BRIGHT SURGES AS IT BEGINS ITS TRANSIT OVER THE LIMB.  
REGION 354 (S16W77) HAS PRODUCED 6 SUBFLARES, BUT HAS SHOWN LITTLE  
NEW GROWTH TODAY AND CONTAINS A SIMPLE BETA CONFIGURATION SPOT  
GROUP. REGION 352 (N12E43) HAS BEEN ENHANCED AT TIMES TODAY  
BUT APPEARS TO BE DECLINING IN WHITE LIGHT WITH ONLY ONE SPOT  
VISIBLE.

IB. SOLAR ACTIVITY SHOULD CONTINUE VERY LOW THROUGH THE FORECAST  
PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE LAST 24 HOURS,  
AND UNSETTLED CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD  
WITH ACTIVE CONDITIONS LIKELY AT HIGH LATITUDES.

III. EVENT PROBABILITIES 25 - 27 FEB

CLASS M 10/10/05

CLASS X 01/01/01

PROTON 02/02/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 FEB 83

PREDICTED 25 - 27 FEB 82/81/81

90-DAY MEAN 24 FEB 84

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 FEB 35

ESTIMATED AFR/AP 24 FEB 20/24

PREDICTED AFR/AP 25 - 27 FEB 14/16 - 12/13 - 12/13

SOLTERWARN

SPAN

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