

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
SPAN
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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 DEVELOPMENT, LATER FORECASTS WILL SHOW LOWER PROBABILITIES OF ENERGETIC EVENTS.

II. THE GEOMAGNETIC FIELD IS BEGINNING 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

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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

BT