

HFUS 1 BOU 230600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 054A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 23 FEBRUARY 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.

THE LIMBS AND THE REGIONS ON THE DISK ARE QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW DURING THE NEXT 8 HOURS.

II. THE GEOMAGNETIC FIELD WAS UNSETTLED DURING THE PERIOD

22/2100Z - 23/0230Z, SINCE THEN THE FIELD HAS BEEN QUIET.

THE FIELD WILL HAVE DISTURBED PERIODS BELOW STORM LEVEL 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 231400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 054B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY

ISSUED 1400Z 23 FEB 1974

IA. ONLY TWO SUBFLARES HAVE BEEN REPORTED DURING THE PAST 8 HOURS; HOWEVER, WEATHER HAS HAMPERED OBSERVATIONS AT MOST OBSERVATORIES. REGION 355 (N14E70) SHOWS SOME SIGNS OF GROWTH IN ITS TINY A TYPE SPOT GROUP WHILE REGIONS 352 (S18W72) AND 354 (S17W53) SHOW LITTLE CHANGE.

IB. SOLAR ACTIVITY SHOULD CONTINUE AT A LOW LEVEL FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD EXPERIENCED ACTIVE CONDITIONS IN THE NIGHTTIME SECTORS THIS ZULU DAY BUT SHOULD RETURN TO QUIET OR SLIGHTLY UNSETTLED CONDITIONS FOR THE REMAINDER OF THE FORECAST PERIOD.

SEE PART V.

III. EVENT PROBABILITIES 23 - 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 - 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 - 25 FEB 15/17 - 10/11 - 08/10

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HFUS BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 054

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 23 FEBRUARY 1974.

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST 24 HOURS WITH ONLY SIX C-CLASS SUBFLARES REPORTED. FLARE PRODUCTION HAS BEEN EQUALLY SHARED BY REGIONS 354 (S16W65) AND 355 (N12E56). BOTH REGIONS HAVE BEEN GROWING IN ALL PARAMETERS.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE GENERALLY LOW WITH ISOLATED MODERATELY ENERGETIC FLARES MORE LIKELY TOWARD THE END OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE FOR THE PAST 24 HOURS. THE FIELD IS EXPECTED TO BECOME GRADUALLY LESS ACTIVE THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 24-26 FEB 1974

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 086

PREDICTED 24-26 FEB 087/086/085

90-DAY MEAN 23 FEB 084

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 FEB 13

ESTIMATED AFR/AP 23 FEB 22/28

PREDICTED AFR/AP 24-26 FEB 17/20 - 14/16 - 12/13

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