

HFUS 1 BOU 230550

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 054A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 23 FEBRUARY 1975

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
THERE ARE NO SPOTS ON THE VISIBLE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED DURING THE
PAST EIGHT HOURS. THE FIELD IS EXPECTED TO BE QUIET TO SLIGHTLY
UNSETTLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES - NO CHANGE

IV. OTTAWA 10.7 CM FLUX - NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 FEBRUARY 06

ESTIMATED AFR/AP 22 FEB 05/07

PREDICTED AFR/AP 23 FEB - 25 FEB 08/10 - 08/10 - 05/07

SOLTERWARN

BT

HFUS 1 BOU 231400

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 054B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 23 FEB 1975

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

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A LOW LEVEL.

II. A MINOR GEOMAGNETIC STORM BEGAN NEAR 23/0910Z. MINOR STORM TO
ACTIVE CONDITIONS ARE EXPECTED TO CONTINUE FOR 12 TO 24 HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 21 FEB 06

ESTIMATED AFR/AP 22 FEB 05/07

PREDICTED AFR/AP 23 - 25 FEB 27/35 - 12/15 - 12/15

SOLTERWARN

BT

HFUS 1 BOU 232200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 054

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 23 FEB 1975

IA. SOLAR ACTIVITY CONTINUES AT A LOW LEVEL WITH MINOR FILAMENT/
PROMINENCE ACTIVITY REPORTED. A RAPIDLY GROWING NEW AR 567 (N10E15)
HAS SMALL SPOT AND BRIGHT PTS. NO FLARES HAVE BEEN OBSERVED.
XRAY SENSORS ON GOES SATELLITES HAVE REMAINED AT LOW BACKGROUND
LEVELS - NO EVENTS HAVE BEEN NOTED.

IB. SOLAR ACTIVITY WILL REMAIN LOW WITH NEW AR 567 PRODUCING A
FEW NON-ENERGETIC SUBFLARES IN THE NEXT 24 TO 48 HOURS.

II. A MINOR GEOMAGNETIC STORM BEGAN ABOUT 23/0900Z, AND IS SLOWLY
DECLINING. THIS STORM MAY BE ASSOCIATED WITH PASSAGE OF A SOLAR
SECTOR BOUNDARY. UNSETTLED TO ACTIVE GEOMAGNETIC CONDITIONS SHOULD
CONTINUE FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 24 - 26 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 FEB 70

PREDICTED 24 - 26 FEB 71/71/72

90-DAY MEAN 23 FEB 79

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 FEB 05

ESTIMATED AFR/AP 23 FEB 27/40

PREDICTED AFR/AP 24 - 26 FEB 17/25 - 15/20 - 12/18

SOLTERWARN

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3 DAY