

HFUS 1 BOU 140430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 073A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0430Z 14 MARCH 1975

IA. AR 571 (S13W58) PRODUCED A LARGE SUBNORMAL FLARE AT 0046Z.
GOES XRAY SENSORS RATED THE FLARE AS A C2 EVENT. MANILA REPORTS
AR 571 RETAINS POINT BRIGHTENINGS IN TRAILER SECTIONS. REMAINDER
OF SOLAR DISK IS QUIET.

IB. CONTINUED SUBFLARES FROM AR 571 ARE EXPECTED. GENERALLY AT
THE C LEVEL.

II. THE GEOMAGNETIC FIELD IS ACTIVE. ACTIVE TO UNSETTLED CONDITIONS
SHOULD CONTINUE FOR SEVERAL DAYS.

III. EVENT PROBABILITIES 14 - 16 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAR 78

PREDICTED 14 - 16 MAR 77/76/73

90-DAY MEAN 13 MAR 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 MAR 29

ESTIMATED AFR/AP 13 MAR 19/25

PREDICTED AFR/AP 14 - 16 MAR 15/19 - 15/19 - 10/12

SOLTERWARN

BT

HFUS 1 BOU 141400
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 073B
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1400Z 14 MAR 1975

IA. SOLAR ACTIVITY HAS BEEN LOW SINCE 140100Z. OBSERVATORY
REPORTS INDICATE AR 571 RETAINS ITS POINT BRIGHTENING -
ALMOST TO FLARE INTENSITY. REMAINDER OF DISK IS QUIET.

IB. AR 571 WILL PRODUCE A FEW SUBFLARES - C LEVEL INTENSITY,
IN THE NEXT FEW DAYS.

II. THE GEOMAGNETIC FIELD IS ACTIVE. ACTIVE TO UNSETLED CONDITIONS
ARE EXPECTED TO CONTINUE.

III. EVENT PROBABILITIES 14-16 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 13 MAR 78

PREDICTED 14-16 MAR 77/76/73

90-DAY MEAN 13 MAR 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 12 MAR 29

ESTIMATED AFR/AP 13 MAR 19/25

PREDICTED AFR/AP 14-16 MAR 19/25 - 15/19 - 10/12

SOLTERWARN

BT

HFUS 1 BOU 142200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 073

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 14 MAR 1975

IA. AR 571 CONTINUES AT NEAR FLARE BRIGHTNESS, YET NO FLARES OR
XRAY EVENTS HAVE BEEN OBSERVED SINCE THE 14/0046Z FLARE. XRAY
BACKGROUND LEVELS HAVE DECREASED SLIGHTLY AND THE 10CM FLUX
IS DOWN 2 PERCENT FROM YESTERDAY.

IB. AR 571 SHOULD CONTINUE TO PRODUCE A FEW C LEVEL EVENTS
ON EACH OF THE NEXT 3 OR 4 DAYS. THE PROBABILITY FOR MORE
ENERGETIC EVENTS HAS DECREASED WITH THE DROP IN XRAY BACKGROUND
FLUX.

II. THE GEOMAGNETIC FIELD IS UNSETLED TO ACTIVE. UNSETLED
CONDITIONS ARE EXPECTED FOR THE NEXT 3 DAYS.

III. EVENT PROBABILITIES 15-17 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 MAR 76

PREDICTED 15-17 MAR 74/73/71

90-DAY MEAN 14 MAR 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 MAR 20

ESTIMATED AFR/AP 14 MAR 18/26

PREDICTED AFR/AP 15-17 MAR 15/19 - 10/12 - 10/12

SOLTERWARN

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