

HFUS 1 BOU 030600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 003A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 3 JANUARY 1975

IA. A C7 (0B) EVENT OCCURRED AT 0323Z IN REGION 547 (N10W90). NO
SIGNIFICANT RADIO OR IONOSPHERIC EFFECTS ACCOMPANIED THE EVENT.
OTHERWISE SOLAR ACTIVITY HAS BEEN VERY LOW.

IB. PROBABILITY OF AN M EVENT IS SLIGHTLY INCREASED DUE TO THE ABOVE
EVENT. PROBABILITIES SHOULD DECLINE THEREAFTER AS NO RETURNING
REGIONS ARE EXPECTED AND REGION 547 IS ROTATING OFF THE DISK.

II. NO CHANGE

III. EVENT PROBABILITIES 03-05 JAN

CLASS M 10/05/03

CLASS X 02/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

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HFUS 1 BOU 031530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 003B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 03 JAN 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW. HOWEVER, REGION 547
(NW08), WHICH IS NOW LEAVING THE VISIBLE DISK, PRODUCED
A SUB-BRILLIANT FLARE (C7 X-RAY EVENT) AT 03/0332Z. OTHER REGIONS
APPEAR QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW. THERE IS LITTLE
LIKELIHOOD OF M-CLASS X-RAY EVENTS.

II. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET FOR MOST OF THE
PAST 24 HOURS. ABOUT 03/0900Z MAGNETIC ACTIVITY BEGAN TO
INCREASE SLOWLY. THE MAGNETIC FIELD IS EXPECTED TO BECOME UN-
SETTLED LATE ON 03 JAN AND TO BECOME ACTIVE BY 05 JAN.

III. EVENT PROBABILITIES 03 - 05 JAN 1975

CLASS M 05/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 02 JAN 78

PREDICTED 03 - 05 JAN 79/78/79

90-DAY MEAN 02 JAN 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 01 JAN 5

ESTIMATED AFR/AP 02 JAN 2/4

PREDICTED AFR/AP 03 - 05 JAN 7/8 - 15/19 - 20/26

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HFUS BOU 032200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO
SDF NUMBER 003

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 03 JAN 1975

IA. SOLAR ACTIVITY CONTINUES VERY LOW. ONLY ONE FLARE, A SUB-BRILLIANT (C7 IN X-RAYS) WAS REPORTED DURING THE PAST 24 HOURS. THIS FLARE OCCURRED AT 03/0332Z IN REGION 547 (NW08). REGION 547 HAS NOW MOVED OUT OF SIGHT OVER THE WEST LIMB. OTHER REGIONS ARE QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW DURING THE FORECAST PERIOD. NO SIGNIFICANT OLD REGIONS ARE DUE TO RETURN DURING THAT PERIOD. ALTHOUGH IT IS CURRENTLY QUIET, REGION 548 (N06 E50) APPEARS TO HAVE REVERSED POLARITY AND THIS REGION MAY EVENTUALLY BECOME ERUPTIVE.

II. THE GEOMAGNETIC FIELD HAS BEEN ESSENTIALLY QUIET FOR THE PAST 24 HOURS. THE FIELD IS EXPECTED TO BECOME ACTIVE EARLY IN THE FORECAST PERIOD WITH ACTIVITY REACHING MINOR MAGNETIC STORM LEVELS LATE IN THE PERIOD.

III. EVENT PROBABILITIES 04 - 06 JAN 1975

CLASS M 03/03/03

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 03 JAN 80

PREDICTED 04 - 06 JAN 80/80/82

90-DAY MEAN 03 JAN 89

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 02 JAN 02

ESTIMATED AFR/AP 03 JAN 06/09

PREDICTED AFR/AP 04 - 06 JAN 15/19 - 20/26 - 25/34

SOLTERWARN

BT