

HFUS 1 BOU 200530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 020A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 20 JANUARY 1977

IA. SOLAR ACTIVITY REMAINS VERY LOW WITH NO SIGNIFICANT CHANGES
IN LIMB OR DISK FEATURES NOTED.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO REMAIN
SO THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 20 JANUARY - 22 JANUARY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 JANUARY 79

PREDICTED 20-22 JANUARY 77/77/77

90-DAY MEAN 19 JANUARY 76

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 JANUARY 08

ESTIMATED AFR/AP 19 JANUARY 05/05

PREDICTED AFR/AP 20-22 JANUARY 07/07 - 06/07 - 05/05

SOLTERWARN

BT

HFUS 1 BOU 201500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 020-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 20 JAN 1977

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 12
HOURS. X-RAY BACKGROUND HAS BEEN VARIABLE. PROMNENCE AND SURGE
ACTIVITY AT NE10 AND SE20 INDICATE THE RETURN OF OLD REGIONS 766
AND 764.

IB. NO SIGNIFICANT ACTIVITY IS EXPECTED ALTHOUGH A MINOR
RISE IN BACKGROUND FLUX MAY OCCUR.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST 12
HOURS. UNSETTLED CONDITIONS MAY OCCUR OCCASIONALLY DURING A MOSTLY
QUIET 3 - DAY PERIOD.

III. EVENT PROBABILITIES 20 - 22 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 JAN 79

PREDICTED 20 - 22 JAN 77/79/79

90-DAY MEAN 19 JAN 76

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 JAN 08

ESTIMATED AFR/AP 19 JAN 05/04

PREDICTED AFR/AP 20 - 22 JAN 10/10 - 06/07 - 05/05

SOLTERWARN

BT

HFUS 1 BOU 202200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 020

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 20 JAN 1977

IA. SOLAR ACTIVITY CONTINUES VERY LOW. WEATHER IS LIMITING
MONITORING OF OPTICAL ACTIVITY. A SINGLE MINOR X-RAY EVENT WAS
REPORTED BY SATELLITE AT ABOUT 0815Z. A SMALL SUNSPOT GROUP
(772) HAS FORMED AT N25E09. FAINT EXTENDED REGIONS HAVE APPEARED
AT N34 AND S18 ON EAST LIMB.

IB. NO ACTIVITY IS EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO QUIET FOR THE PAST
24 HOURS. QUIET CONDITIONS SHOULD PREVAIL THROUGH THIS FORECAST
PERIOD.

III. EVENT PROBABILITIES 21-23 JAN

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 JAN 78

PREDICTED 21-23 JAN 79/79/79

90-DAY MEAN 20 JAN 76

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 JAN 07

ESTIMATED AFR/AP 20 JAN 09/09

PREDICTED AFR/AP 21-23 JAN 07/07 - 05/05 - 05/05

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