

HFUS 1 BOU 250550

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 025A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 25 JANUARY 1976

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

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

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND IS EXPECTED TO
CONTINUE UNSETTLED DURING THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 25 JANUARY - 27 JANUARY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JANUARY 71

PREDICTED 25-27 JANUARY 71/71/72

90-DAY MEAN 24 JANUARY 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JANUARY 15

ESTIMATED AFR/AP 24 JANUARY 15/22

PREDICTED AFR/AP 25-27 JANUARY 10/12 - 07/07 - 05/05

SOLTERWARN

BT

HFUS 1 BOU 251500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 025B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 25 JANUARY 1976

IA. SOLAR ACTIVITY IS AT MINIMUM WITH NO ACTIVE REGIONS VISIBLE.

IB. NO ACTIVITY IS ANTICIPATED THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED AND SHOULD
CONTINUE UNSETTLED TO QUIET THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 25 - 27 JANUARY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 JANUARY 71

PREDICTED 25-27 JANUARY 71/71/72

90-DAY MEAN 24 JANUARY 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 JANUARY 15

ESTIMATED AFR/AP 24 JANUARY 15/22

PREDICTED AFR/AP 25-27 JANUARY 10/12 - 07/07 - 05/05

SOLTERWARN

BT

HFUS 1 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 025

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 25 JANUARY 1976

IA. THE SUN IS NOW VOID OF ANY REGIONS OF PLAGE OR SUNSPOTS
OR LIMB ACTIVITY. ONLY FAINT REMNANT MAGNETIC FIELDS ARE PRESENT
WITH FAINT OVERLYING CORONAL EMISSION REGIONS.

IB. NO ACTIVITY OF ANY KIND IS ANTICIPATED THIS FORECAST PERIOD.
A NEWLY FORMED CORONAL HOLE IS INFERRED TO BE TRANSITTING EAST
LIMB 26-27 FEBRUARY NEAR THE SOLAR EQUATOR. A NORTH-SOUTH
ARCADE OF CORONAL ARCHES WITH HEIGHT TO 1.5 SOLAR RADIUS IS
INFERRED 15 HELIOGRAPHIC DEGREES WEST OF THIS NEW HOLE.

II. THE GEOMAGNETIC FIELD HAS GRADUALLY BECOME QUIET AFTER UNSETTLED
CONDITIONS DOMINATED THE FIRST 18 HOURS OF THIS DAY. QUIET
CONDITIONS WITH BRIEF PERIODS UNSETTLED WILL PREVAIL DURING THIS
FORECAST PERIOD.

III. EVENT PROBABILITIES 26 - 28 JANUARY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 JANUARY 70

PREDICTED 26 - 28 JANUARY 70/69/69

90-DAY MEAN 25 JANUARY 77

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 JANUARY 15

ESTIMATED AFR/AP 25 JANUARY 10/12

PREDICTED AFR/AP 26 - 28 JANUARY 07/07 - 05/05 - 05/05

SOLTERWARN

BT