

HFUS 1 BOU 300530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 365A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 30 DECEMBER 1976

IA. SOLAR ACTIVITY REMAINS AT A VERY LOW LEVEL. REGION 764 (S20E08)
HAS AN ACTIVE NEUTRAL LINE FILAMENT AND HAS PRODUCED SEVERAL POINT
BRIGHTENINGS DURING THE PAST 8 HOURS. THE REMAINDER OF THE DISK AND
LIMBS REMAINS QUIET.

IB. SOLAR ACTIVITY SHOULD REMAIN AT LOW LEVELS. AN OCCASIONAL C-CLASS
X-RAY EVENT IS POSSIBLE AND ACTIVITY MAY INCREASE DURING THE
NEXT FEW DAYS AS GROWTH CONTINUES.

II. A MINOR GEOMAGNETIC STORM BEGAN AT 29/0100Z, AND HAS APPARENTLY
ENDED AROUND 29/2100Z. THE GEOMAGNETIC FIELD SHOULD REMAIN UNSETTLED
FOR THE NEXT TWO DAYS.

III. EVENT PROBABILITIES 30 DECEMBER - 01 JANUARY

CLASS M 15/20/20

CLASS X 01/01/01

PROTON 01/02/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 DECEMBER 77

PREDICTED 30 DECEMBER - 01 JANUARY 77/77/78

90-DAY MEAN 29 DECEMBER 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 DECEMBER 07

ESTIMATED AFR/AP 29 DECEMBER 39/40

PREDICTED AFR/AP 30 DECEMBER - 01 JANUARY 10/12 - 07/07 - 05/05

SOLTERWARN

BT

HFUS 1 BOU 301500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 365-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 30 DEC 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 12 HOURS.

REGION 764 (S20E05) HAS DEVELOPED ADDITIONAL SMALL SPOTS IN ITS
INTERIOR BUT IS STILL A RATHER SMALL TYPE-C GROUP.

IB. OCCASIONAL CLASS C EVENTS MAY OCCUR IF GROWTH CONTINUES IN REGION
764. A SLIGHT INCREASE IN RADIO FLUX MAY ACCOMPANY THE RETURN OF
A SMALL ACTIVE REGION AT EAST LIMB ON JANUARY 1.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED DURING THE
PAST 12 HOURS. UNSETTLED CONDITIONS WILL PREVAIL WITH OCCASIONAL
PERIODS ACTIVE FOR THE NEXT 24 HOURS. UNSETTLED TO QUIET CONDITIONS
ARE EXPECTED FOR THE REMAINDER OF THE FORECAST PERIOD.

III. EVENT PROBABILITIES 30 DEC - 01 JAN

CLASS M 15/20/20

CLASS X 01/01/01

PROTON 01/02/03

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 29 DEC 77

PREDICTED 30 DEC - 01 JAN 77/77/78

90-DAY MEAN 29 DEC 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 28 DEC 07

ESTIMATED AFR/AP 29 DEC 35/37

PREDICTED AFR/AP 30 DEC - 01 JAN 15/15 - 15/15 - 10/10

SOLTERWARN

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HFUS 1 BOU 302200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 3665

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 30 DEC 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW FOR THE PAST 24 HOURS.
REGION 764 (S20W01) HAS INCREASED IN SPOT COUNT IN THE INTERIOR
OF THE REGION BUT IT REMAINS A MINOR CLASS C GROUP. A FAINT IM-
PORTANCE 1/CLASS C2 FLARE OCCURRED IN THIS REGION AT 0435-0545Z.

IB. OCCASIONAL CLASS C EVENTS ARE EXPECTED IF GROWTH CONTINUES
IN REGION 764. A MINOR INCREASE IN RADIO FLUX MAY OCCUR ON 2 JAN
FROM A REGION RETURNING TO NORTHEAST LIMB.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED DURING THE PAST 24 HOURS.
UNSETTLED CONDITIONS WILL CONTINUE FOR ANOTHER 24 HOURS BEFORE
A REDUCTION TO MOSTLY QUIET CONDITIONS FOR THE REMAINDER OF THE
FORECAST PERIOD.

III. EVENT PROBABILITIES 31 DEC - 02 JAN

CLASS M 15/15/15

CLASS X 01/01/01

PROTON 01/01/02

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 30 DEC 78

PREDICTED 31 DEC - 02 JAN 77/78/79

90-DAY MEAN 30 DEC 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 29 DEC 35

ESTIMATED AFR/AP 30 DEC 13/09

PREDICTED AFR/AP 31 DEC - 02 JAN 15/15 - 10/10 - 07/07

SOLTERWARN

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