

HFUS 1 BOU 280600
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 363A
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 28 DECEMBER 1976
IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.
REGION 764 (S20E30) HAS SHOWN SLIGHT GROWTH BETWEEN THE TRAILER
AND LEADER SPOTS. THE REST OF THE DISK IS STABLE AND QUIET.
IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.
II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST EIGHT
HOURS. IT IS EXPECTED THE FIELD WILL REMAIN QUIET DURING THE FORE-
CAST PERIOD.
III. EVENT PROBABILITIES 28 DECEMBER - 30 DECEMBER
CLASS M 10/10/10
CLASS X 01/01/01
PROTON 01/01/01
PCAF GREEN
IV. OTTAWA 10.7 CM FLUX
OBSERVED 27 DECEMBER 78
PREDICTED 28-30 DECEMBER 78/78/79
90-DAY MEAN 27 DECEMBER 75
V. GEOMAGNETIC A INDICES
OBSERVED FREDERICKSBURG 26 DECEMBER 05
ESTIMATED AFR/AP 27 DECEMBER 05/03
PREDICTED AFR/AP 28-30 DECEMBER 06/07 - 06/07 - 06/07
SOLTERWARN
BT

HFUS 1 BOU 281500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 363-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 28 DEC 1976

IA. SOLAR ACTIVITY REMAINS VERY LOW. REGION 764 (S20E27) HAS
AN ACTIVE FILAMENT BUT IS OTHERWISE LITTLE CHANGED.

IB. NO SIGNIFICANT ACTIVITY IS EXPECTED UNLESS GROWTH OCCURS IN
REGION 764.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETTLED
DURING THE PAST 12 HOURS.

III. EVENT PROBABILITIES 28 - 30 DEC 1976

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 DECEMBER 78

PREDICTED 28-30 DECEMBER 78/78/79

90-DAY MEAN 27 DECEMBER 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 DECEMBER 05

ESTIMATED AFR/AP 27 DECEMBER 05/03

PREDICTED AFR/AP 28-30 DECEMBER 06/07 - 06/07 - 06/07

SOLTERWARN

BT

HFUS 1 BOU 282200
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO
SDF NUMBER 363
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 28 DEC 1976

IA. SOLAR ACTIVITY CONTINUES VERY LOW. REGION 764 (S20E22) CONTINUES BRIGHT WITH A SMALL TYPE C SPOT GROUP AND A LARGE PLAGE AREA. AN IMPORTANCE IF/CLASS C2 FLARE AT 1754Z BRIGHTENED MOST OF THE REGION. THE PLAGE HAS GROWN SLIGHTLY SINCE YESTERDAY, BUT WITH NO NEW SPOTS.

IB. A GRADUAL INCREASE IN FLARE ACTIVITY MAY OCCUR IN REGION 764 DURING THE NEXT THREE DAYS. A RETURNING REGION AT NE LIMB WILL ADD SLIGHTLY TO THE RADIO FLUX. CLASS M FLARES WILL OCCUR ONLY IF SPOT GROWTH AND AN ACTIVE FILAMENT DEVELOPS.

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

III. EVENT PROBABILITIES 29 - 31 DEC

CLASS M 10/15/20
CLASS X 01/01/01
PROTON 01/01/02
PCAF GREEN

IV OTIAWA 10.7 CM FLUX

OBSERVED 28 DEC 77
PREDICTED 29 - 31 DEC 78/79/79
90-DAY MEAN 28 DEC 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 DEC 05
ESTIMATED AFR/AP 28 DEC 06/04
PREDICTED AFR/AP 29 - 31 DEC 06/07 - 06/07 - 10/08
SOLTERWARN
BT