

HFUS 1 BOU 240555

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 358A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 24 DECEMBER 1974

IA. SOLAR ACTIVITY IS AT A VERY LOW LEVEL. SOME SMALL ACTIVITY HAS
BEEN OBSERVED ON THE EAST LIMB BUT NO ACTIVE REGIONS ARE EXPECTED.

IB. SOLAR ACTIVITY WILL CONTINUE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD IS QUIET AND IS EXPECTED TO REMAIN QUIET
DURING THE NEXT 24 HOURS.

III. NO CHANGE.

IV. NO CHANGE.

V. NO CHANGE.

SOLTERWARN

BT

HFUS 1 BOU 241430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 358B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 24 DEC 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 8 HOURS, AND NO FLARES HAVE BEEN REPORTED. SMALL TRAILING SPOTS HAVE BEEN OBSERVED IN REGION 539 (N07W12). NEW REGION 544 (S18E02) IS EMERGING NOW AND AT LAST REPORT CONTAINED A SMALL B-TYPE SPOT GROUP ACCCOMPANIED BY A SMALL ENHANCED PLAGE. OTHER REGIONS ARE QUIET AND UNIMPRESSIVE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW. REGION 544 PROBABLY WILL GROW BUT IS NOT EXPECTED TO PRODUCE SIGNIFICANT FLARE ACTIVITY FOR AT LEAST 24 HOURS.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED DURING THE PAST 8 HOURS. GENERALLY QUIET CONDITIONS ARE LIKELY DURING THE NEXT 48 HOURS.

III. EVENT PROBABILITIES 24-26 DEC

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 DEC 86

PREDICTED 24-26 DEC 85/84/82

90-DAY MEAN 23 DEC 91

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 DEC 13

ESTIMATED AFR/AP 23 DEC 13/15

PREDICTED AFR/AP 24-26 DEC 11/13-6/7-6/7

SOLTERWARN

BT

HFUS BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 358

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 24 DEC 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW DURING THE PAST 24 HOURS, AND NO FLARES HAVE BEEN REPORTED. ALL REGIONS ARE QUIET AND UNIMPRESSIVE. REGION 544 (S18W02) WHICH WAS MENTIONED IN SDF 358B, HAS DECLINED AND SPOTS NO LONGER ARE VISIBLE THERE. THE LIMBS ARE RELATIVELY QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN AT A VERY LOW LEVEL. INFREQUENT SUBFLARES MAY OCCUR IN REGION 539 (N06W16).

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETLED DURING THE PAST 24 HOURS. GENERALLY QUIET CONDITIONS ARE LIKELY DURING THE NEXT THREE DAYS, BUT SHORT PERIODS OF UNSETLED CONDITIONS MAY OCCUR, ESPECIALLY DURING LOCAL NIGHT OR AT HIGH LATITUDES.

III. EVENT PROBABILITIES 25 - 27 DEC

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 DEC 83

PREDICTED 25 - 27 DEC 82/81/78

90-DAY MEAN 24 DEC 91

V. GEOMAGNETIC A INDEXES

OBSERVED FREDERICKSBURG 23 DEC 11

ESTIMATED AFR/AP 24 DEC 09/10

PREDICTED AFR/AP 25 - 27 DEC 06/07 - 06/07 - 03/04

SOLTERWARN

BT