

HFUS 1 BOU 210600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 355A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 21 DECEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST EIGHT HOURS.

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

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE DURING THE PAST 8 HOURS.
THE FIELD IS EXPECTED TO BE UNSETTLED TO ACTIVE DURING THE NEXT 24
HOURS.

III. EVENT PROBABILITIES NO CHANGE

IV. OTTAWA 10.7 CM FLUX NO CHANGE

V. GEOMAGNETIC A INDICES NO CHANGE

SOLTERWARN

BT

HFUS 1 BOU 211430

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 355B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1430Z 21 DECEMBER 1974

IA. SOLAR ACTIVITY CONTINUES VERY LOW. NO EVENTS HAVE BEEN
DETECTED BY EITHER SATELLITE OR GROUND-BASED OBSERVATORIES.
MINOR GROWTH OF SPOTS AND PLAGE IS TAKING PLACE IN REGIONS 539
(N05E31) AND 541 (N05W07).

IB. NO SIGNIFICANT ACTIVITY EXPECTED.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE BUT IS TRENDING TO
UNSETTLED CONDITIONS. THIS TREND SHOULD CONTINUE THROUGH
THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 21 - 23 DECEMBER

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 20 DEC 90

PREDICTED 21 - 23 DEC 87/84/80

90-DAY MEAN 20 DEC 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 19 DEC 25

ESTIMATED AFR/AP 20 DEC 20/26

PREDICTED AFR/AP 21 - 23 DEC 18/23 - 16/20 - 10/13

SOLTERWARN

BT

HFUS BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 355

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 21 DECEMBER 1974

IA. SOLAR ACTIVITY HAS BEEN EXTREMELY QUIET FOR OVER 24 HOURS.
NO EVENTS HAVE BEEN DETECTED BY SATELLITE OR GROUND-BASED
DETECTORS. WEATHER HAS PREVENTED OR LIMITED OPTICAL OBSERVATIONS
AT EVERY STATION IN THE GLOBAL NETWORK. SLOW GROWTH OF NEW
REGION 542 (N04W10) ADJACENT TO REGION 541 (N08W14) MAY ACCOUNT
FOR A SLOWER THAN EXPECTED DROP IN RADIO FLUX.

IB. OCCASIONAL CLASS-C FLARES ARE EXPECTED FROM REGION 541/542.
CONTINUED FILAMENT ACTIVITY IN REGION 529 (N07E26) ALSO SIGNIFIES
CLASS-C FLARE POTENTIAL.

II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE TO UNSETTLED. A
GRADUAL DECREASE TO UNSETTLED CONDITIONS IS EXPECTED THIS
FORECAST PERIOD.

III. EVENT PROBABILITIES 22 - 24 DECEMBER

CLASS M 10/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 21 DECEMBER 89

PREDICTED 22 - 24 DECEMBER 85/80/77

90-DAY MEAN 21 DECEMBER 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG

OBSERVED FREDERICKSBURG 20 DECEMBER 16

ESTIMATED AFR/AP 21 DECEMBER 12/15

PREDICTED AFR/AP 22 - 24 DECEMBER 16/20 - 10/12 - 06/08

SOLTERWARN

RT