

HFUS 1 BOU 280600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 362A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 28 DECEMBER 1974

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

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

II. THE GEOMAGNETIC FIELD IS QUIET AND IS EXPECTED TO BE QUIET TO  
SLIGHTLY UNSETTLED 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 BOU 281505

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 362B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1430Z 28 DEC 1974

IA. SOLAR ACTIVITY HAS REMAINED VERY LOW WITH ONLY ISOLATED SUBFLARE ACTIVITY BEING REPORTED IN NEW REGION 545 (N16W32). SOME GROWTH CONTINUES IN THE REGION BUT AT A LESSER RATE.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW WITH ISOLATED SMALL C CLASS FLARES PROBABLE FROM REGION 545.

II. THE GEOMAGNETIC FIELD HAS CONTINUED TO BE INTERMITTENTLY QUIET AND ACTIVE. PRESENT CONDITIONS ARE EXPECTED TO CONTINUE WITH LOCAL DAYTIME PERIODS GENERALLY QUIET BUT WITH INTENSE SUBSTORMS IN THE LOCAL NIGHTTIMES.

III. EVENT PROBABILITIES 28 - 30 DEC

CLASS M 15/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 DEC 77

PREDICTED 28 - 30 DEC 76/76/75

90-DAY MEAN 27 DEC 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 DEC 06

ESTIMATED AFR/AP 27 DEC 17/25

PREDICTED AFR/AP 28 - 30 DEC 12/15 - 12/15 - 10/14

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HFUS BOU 282200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 362

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 28 DEC 1974

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. GROWTH CONTINUES AT A  
SLACKENING PACE IN REGION 545 (N12W36). THE REGION IS SMALL AND  
RELATIVELY SIMPLE AT THE PRESENT TIME.

IB. ACTIVITY IS EXPECTED TO REMAIN LOW. SPORADIC FLARES OF CLASS  
C OR LESS INTENSITY ARE POSSIBLE FROM REGION 545.

II. THE GEOMAGNETIC FIELD HAS CONTINUED TO BE GENERALLY QUIET WITH  
PERIODS OF INTENSE SUBSTORM ACTIVITY DURING THE LOCAL NIGHTTIME  
HOURS. SUCH A PATTERN IS EXPECTED TO CONTINUE THROUGH THE FORE-  
CAST PERIOD.

III. EVENT PROBABILITIES 29 DEC - 31 DEC

CLASS M 15/10/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN.

IV. OTTAWA 10.7 CM FLUX

OBSERVED 28 DEC 76

PREDICTED 29 - 31 DEC 75/75/75

90-DAY MEAN 28 DEC 90

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 27 DEC 17

ESTIMATED AFR/AP 28 DEC 11/12

PREDICTED AFR/AP 29 - 31 DEC 12/15 - 10/12 - 10/09

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