

HFUS 1 BOU 230600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 259-A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 24 DECEMBER 1976

IA. SOLAR ACTIVITY REMAINS VERY LOW. NEW REGION 764 (S20E80) NOW  
HAS AN H-TYPE SPOT. NO SIGNIFICANT CHANGE HAS BEEN NOTED IN REGION  
762 (N12W45).

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO UNSETTLED  
CONDITIONS ARE EXPECTED THROUGH THE FORECAST PERIOD.

III. EVENT PROBABILITIES 24 DECEMBER - 26 DECEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 DECEMBER 76

PREDICTED 24-26 DECEMBER 76/77/77

90-DAY MEAN 23 DECEMBER 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 DECEMBER 12

ESTIMATED AFR/AP 23 DECEMBER 06/04

PREDICTED AFR/AP 24-26 DECEMBER 10/07 - 05/05 - 08/05

SOLTERWARN

BT

HFUS 1 BOU 241500

CORR COPY

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 359-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 24 DEC 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PREVIOUS FORECAST  
PERIOD.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE AT PRESENT VERY LOW  
LEVEL FOR THE NEXT FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED AND IS  
EXPECTED TO BE QUIET FOR THE FORECAST PERIOD.

III. EVENT PROBABILITIES 24 - 26 DEC

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 23 DEC 76

PREDICTED 24 - 26 DEC 76/77/77

90-DAY MEAN 23 DEC 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 22 DEC 12

ESTIMATED AFR/AP 23 DEC 08/04

PREDICTED AFR/AP 24 - 26 DEC 10/07 - 05/05 - 08/05

SOLTERWARN

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HFUS 1 BOU 242200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 359

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 24 DEC 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST FORECAST PERIOD. REGION 764 (S20E76) IS NOW VISIBLE AND HAS ASSOCIATED MINOR SURGING. GROWTH IS EVIDENT IN TRAILER PLAGE. TWO CLASS C X-RAY BURSTS HAVE OCCURRED AT 1839 AND 2110 UT. REGION 762 (N12W50) APPEARS UNCHANGED. ALL OTHER DISK FEATURES AND LIMBS APPEAR QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW DURING THE NEXT PERIOD WITH CLASS C X-RAY EVENTS POSSIBLE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET AND IS EXPECTED TO CONTINUE AT PRESENT QUIET LEVEL FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 25 - 27 DEC

CLASS M 05/05/10

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 DEC 77

PREDICTED 25 - 27 DEC 78/79/80

90-DAY MEAN 24 DEC 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 DEC 04

ESTIMATED AFR/AP 24 DEC 05/05

PREDICTED AFR/AP 25 - 27 DEC 05/05 - 06/07 - 06/07

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