

HFUS 1 BOU 250600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 360-A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 25 DECEMBER 1976

IA. SOLAR ACTIVITY REMAINS VERY LOW. NO SIGNIFICANT CHANGES HAVE  
BEEN NOTED IN DISK OR LIMB FEATURES. BOTH ACTIVE REGIONS APPEARS  
STABLE WITH ONLY MINOR FLUCTUATIONS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 8 HOURS.

GENERALLY UNSETTLED TO QUIET CONDITIONS ARE EXPECTED THROUGH THE  
NEXT 24 HOURS.

III. EVENT PROBABILITIES 25 DECEMBER - 27 DECEMBER

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 24 DECEMBER 77

PREDICTED 25-27 DECEMBER 78/79/80

90-DAY MEAN 24 DECEMBER 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 23 DECEMBER 04

ESTIMATED AFR/AP 24 DECEMBER 05/05

PREDICTED AFR/AP 25-27 DECEMBER 07/08 - 06/07 - 06/07

SOLTERWARN

BT

HFUS 1 BOU 251500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 360-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 25 DECEMBER 1976

IA. SOLAR ACTIVITY REMAINS VERY LOW, WITH NO FLARES REPORTED  
DURING THE PAST 17 HOURS. THERE HAVE BEEN NO SIGNIFICANT CHANGES  
IN THE TWO WEAK ACTIVE REGIONS ON THE VISIBLE DISK.

IB. SOLAR ACTIVITY IS EXPECTED TO CONTINUE LOW.

II. THE GEOMAGNETIC FIELD WAS QUIET UNTIL ABOUT 25/1000Z WHEN IT  
BECAME MILDLY ACTIVE. THE FIELD IS EXPECTED TO QUIET SOMEWHAT  
DURING THE DAY. THE FIELD IS EXPECTED TO BE GENERALLY QUIET TO MILDLY  
UNSETTLED THROUGH THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 25 - 27 DEC 1976

CLASS M 01/01/01

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 07/07 - 06/07 - 06/07

SOLTERWARN

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HFUS 1 BOU 252200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 360

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 25 DECEMBER 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 24 HOURS. NO  
FLARES HAVE BEEN REPORTED DURING THAT TIME. REGION 764 (S20E65),  
SWINGING INTO FULL VIEW ON THE DISK, APPEARS TO HAVE UNCONVENTIONAL  
MAGNETIC CONFIGURATION. A SPOT WHICH FORMED SOUTH OF THE TWO LARGE  
LEADER SPOTS MAKES THE GROUP A BETA-GAMMA; BUT MEASUREMENTS AT MT.  
WILSON INDICATE THE TWO LEADING SPOTS MAY BE OF OPPOSITE POLARITY  
AND THE REGION MAY HAVE A DELTA CONFIGURATION. PLAGE BRIGHTENINGS  
IN THE REGION HAVE BEEN ACCOMPANIED BY MILD X-RAY ENHANCEMENTS.  
OTHERWISE, THE DISK AND LIMBS HAVE REMAINED QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN LOW UNLESS THERE IS FURTHER  
SIGNIFICANT DEVELOPMENT IN REGION 764. MAGNETIC OBSERVATIONS DURING  
THE NEXT 24 HOURS WILL MAKE IT POSSIBLE TO ASSESS THE ENERGETIC  
POTENTIAL OF THE REGION.

II. THE GEOMAGNETIC FIELD WAS GENERALLY QUIET DURING THE PAST 24  
HOURS, HOWEVER, THE FIELD BECAME MILDLY ACTIVE FOR ABOUT 5 HOURS  
BEGINNING AT 25/1000Z. THE FIELD IS EXPECTED TO REMAIN AT QUIET TO  
MILDLY UNSETTLED LEVELS FOR THE NEXT 72 HOURS.

III. EVENT PROBABILITIES 26 DECEMBER - 28 DECEMBER

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 25 DECEMBER 78

PREDICTED 26-28 DECEMBER 79/80/81

90-DAY MEAN 25 DECEMBER 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 24 DECEMBER 06

ESTIMATED AFR/AP 25 DECEMBER 08/05

PREDICTED AFR/AP 26-28 DECEMBER 07/08 - 06/07 - 06/07

SOLTERWARN

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