

HFUS 3 BOU 090530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 009A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 09 JANUARY 1978

IA. SOLAR ACTIVITY HAS BEEN AT A LOW LEVEL THE PAST 8 HOURS. REGION  
967 (S18W90) WHICH PRODUCED AT LEAST ONE X AND ONE M CLASS FLARE  
DURING THE PAST 24 HOURS HAS BEEN RELATIVELY QUIET. LOOPS, AN ACTIVE  
PROMINENCE, AND SURGE ACTIVITY ARE THE LAST EVENTS REPORTED FROM  
967. THE REMAINING DISK FEATURES ARE STABLE OR DECLINING.

IB. A MODERATE LEVEL OF SOLAR ACTIVITY IS EXPECTED FROM DEPARTED  
967 THRU THE FORECAST PERIOD. ACTIVITY FROM THE REMAINING DISK  
REGIONS SHOULD BE AT A VERY LOW LEVEL.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED THE PAST 24 HOURS.  
CONDITIONS SHOULD BECOME ACTIVE IN THE NEXT 24-36 HOURS RESULTING  
FROM FLARE ACTIVITY IN REGION 967.

III. EVENT PROBABILITIES 09 JANUARY - 11 JANUARY

CLASS M 60/25/10

CLASS X 25/10/01

PROTON 30/20/01

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 JANUARY 106

PREDICTED 09-11 JANUARY 104/98/96

90-DAY MEAN 08 JANUARY 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 JANUARY 10

ESTIMATED AFR/AP 08 JANUARY 15/15

PREDICTED AFR/AP 09-11 JANUARY 14/17 - 30/30 - 24/20

SOLTERWARN

BT

HFUS 3 BOU 091500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 009B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 09 JANUARY 1978

IA. SOLAR ACTIVITY HAS BEEN MODERATE THE LAST 24 HOURS. AN M1  
(08/1919Z X-RAY MAX) AND M1 (09/1233Z) ARE BOTH PRESUMED TO HAVE  
ORIGINATED FROM REGION 967, WHICH HAS TRANSITED WEST LIMB DURING THIS  
PERIOD. LOOPS, WHICH FOLLOWED THE 1919Z X-RAY EVENT, AN ACTIVE  
PROMINENCE, AND SURGING ARE THE LAST OPTICAL EVENTS REPORTED WITH  
REGION 967. OTHER DISK REGIONS ARE CURRENTLY SIMPLE AND STABLE.

IB. REGION 967 STILL HAS THE POTENTIAL FOR BEHIND THE LIMB ENERGETIC  
EVENTS FOR THE NEXT 24 HOURS. ACTIVITY SHOULD THEN BECOME VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED TO ACTIVE. THESE  
CONDITIONS ARE EXPECTED TO CONTINUE UNTIL 10 JANUARY, WHEN MINOR STORM  
CONDITIONS ARE EXPECTED DUE TO THE FLARE ACTIVITY EARLY ON 08 JAN.

III. EVENT PROBABILITIES 09 JANUARY - 11 JANUARY

CLASS M 60/25/10

CLASS X 25/10/01

PROTON 30/20/01

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 08 JANUARY 106

PREDICTED 09-11 JANUARY 104/98/96

90-DAY MEAN 08 JANUARY 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 07 JANUARY 10

ESTIMATED AFR/AP 08 JANUARY 15/15

PREDICTED AFR/AP 09-11 JANUARY 14/17 - 30/30 - 24/20

SOLTERWARN

BT

HFUS 1 BOU 092200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 009  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 09 JANUARY 1978  
IA. SOLAR ACTIVITY WAS MODERATE TODAY. AN M1 (09/1235Z X-RAY MAX)  
WAS THE ONLY SIGNIFICANT EVENT. THE SOURCE IS PRESUMED TO BE REGION  
967 BEYOND THE SW LIMB. HOLLOMAN REPORTED WEAK LOOPS OVER THE REGION  
UNTIL APPROXIMATELY 1545Z. THE ESTABLISHED DISK REGIONS ARE SIMPLE  
IN STRUCTURE AND ARE STABLE. A REGION MAY BE EMERGING NEAR N19E36.  
IB. THERE IS A CHANCE FOR AN ENERGETIC EVENT FROM 967 BEYOND THE  
LIMB FOR ANOTHER 24 HOURS. THE ACTIVITY SHOULD RETURN TO A VERY LOW  
LEVEL AFTER THAT.  
II. THE GEOMAGNETIC FIELD HAS BEEN ACTIVE. A SUDDEN COMMENCEMENT  
WAS OBSERVED AT BOULDER AT 09/1625Z. THE FIELD IS EXPECTED TO BE  
ACTIVE, WITH PERIODS AT MINOR STORM LEVEL, THROUGH 11 JANUARY AS A  
RESULT OF THE ENERGETIC FLARES OF 07-08 JANUARY. GENERALLY UNSETTLED  
CONDITIONS ARE EXPECTED BY 12 JANUARY.  
III. EVENT PROBABILITIES 10-12 JAN  
CLASS M 15/01/01  
CLASS X 05/01/01  
PROTON 20/01/01  
PCAF GREEN  
IV. OTTAWA 10.7 CM FLUX  
OBSERVED 09 JAN 100  
PREDICTED 10-12 JAN 96/93/92  
90-DAY MEAN 09 JAN 100  
V. GEOMAGNETIC A INDICES  
OBSERVED FREDERICKSBURG 08 JAN 15  
ESTIMATED AFR/AP 09 JAN 18/14  
PREDICTED AFR/AP 10-12 JAN 30/30 - 24/20 - 13/12  
SOLTERWARN  
BT