

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 UNSETLED 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 UNSETLED 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. HOLLOWAY 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 9.6/93/92
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