

HFUS 3 BOU 050530

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 005A

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 05 JANUARY 1978

IA. SOLAR ACTIVITY HAS BEEN LOW DURING THE PAST EIGHT HOURS. ONLY  
A FEW NON ENERGETIC SUBFLARES HAVE BEEN OBSERVED. THE DISK REGIONS  
APPEAR STABLE AND THE LIMBS ARE QUIET.

IB. SOLAR ACTIVITY WILL CONTINUE LOW TO MODERATE DURING THE FORE-  
CAST PERIOD.

II. THE GEOMAGNETIC STORM CONTINUES BUT THE LEVEL OF INTENSITY  
HAS DECREASED DURING THE PAST EIGHT HOURS. IT IS EXPECTED TO  
CONTINUE AT MINOR STORM LEVEL DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 05 JANUARY - 07 JANUARY

CLASS M 80/70/50

CLASS X 20/15/10

PROTON 20/15/10

PCAF YELLOW

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 JANUARY 129

PREDICTED 05-07 JANUARY 126/124/118

90-DAY MEAN 04 JANUARY 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 JANUARY 11

ESTIMATED AFR/AP 04 JANUARY 70/90

PREDICTED AFR/AP 05-07 JANUARY 40/50 - 25/35 - 20/30

SOLTERWARN

BT

HFUS 3 BOU 051500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 005-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 05 JAN 1978

IA. SOLAR ACTIVITY REMAINS LOW. REGION 969 (N21W75) PRODUCED  
AT LEAST ONE SUBFAINT FLARE AT 05/0512Z AND IS THE PROBABLE SOURCE  
OF TWO MORE WEAK X-RAY BURSTS. AN APR MARKS THE LIMB CROSSING OF  
REGION 966 AT NE20. OTHER REGIONS AND LIMBS ARE STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW.

II. THE GEOMAGNETIC FIELD HAS SHOWN A SLOW DECLINE FROM MINOR  
STORM LEVELS TO ACTIVE CONDITIONS DURING THE PAST EIGHT HOURS. THE  
FIELD IS EXPECTED TO BE AT GENERALLY UNSETTLED LEVELS WITH ACTIVE  
CONDITIONS PROBABLE FOR SHORT PERIODS DURING SUBSTORM ACTIVITY.

III. EVENT PROBABILITIES 05 - 07 JAN

CLASS M 50/40/30

CLASS X 10/05/05

PROTON 10/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 04 JAN 129

PREDICTED 05 - 07 JAN 126/124/118

90-DAY MEAN 04 JAN 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 03 JAN 11

ESTIMATED AFR/AP 04 JAN 65/90

PREDICTED AFR/AP 05 - 07 JAN 25/30 - 15/20 - 10/12

SOLTERWARN

BT

HFUS 1 BOU 052200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 005

JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 05 JAN 1978

IA. SOLAR ACTIVITY HAS BEEN LOW. ONLY INFREQUENT SUBFLARE AND  
MINOR X-RAY ACTIVITY HAS BEEN RECORDED. REGIONS 969 (N20W78)  
AND 970 (S18W24) HAVE DECLINED AND LATEST REPORTS INDICATE D TYPE  
SPOT GROUPS. OTHER REGIONS AND THE LIMBS ARE QUIET AND STABLE.  
A NEW REGION HAS BEEN CONFIRMED AT S23E36 AND NUMBERED 0979.

IB. SOLAR ACTIVITY SHOULD REMAIN LOW. NO OLD ACTIVE REGIONS ARE DUE  
TO RETURN.

II. THE GEOMAGNETIC FIELD WAS AT MINOR STORM LEVELS EARLY IN THE  
PERIOD AND HAS BEEN UNSETTLED TO ACTIVE SINCE. THE FIELD IS EXPECTED  
TO BE GENERALLY UNSETTLED WITH ACTIVE PERIODS DURING SUBSTORM ACTIVITY.

III. EVENT PROBABILITIES 06 - 08 JAN

CLASS M 40/30/30

CLASS X 10/05/05

PROTON 10/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 05 JAN 123

PREDICTED 06 - 08 JAN 120/116/112

90-DAY MEAN 05 JAN 100

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 04 JAN 57

ESTIMATED AFR/AP 05 JAN 24/25

PREDICTED AFR/AP 06 - 08 JAN 15/20 - 10/12 - 10/10

SOLTERWARN

BT