

HFUS 3 BOU 270600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO

SDF NUMBER 086A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0600Z 27 MAR 1978

IA. SOLAR ACTIVITY WAS VERY LOW DURING THE PAST EIGHT HOURS. REGION 1047 (S31 W14) HAS AN AFS WITH PLAGE FLUCTUATIONS TO NEAR FLARE INTENSITY AND HAS SHOWN SOME GROWTH. OTHER REGIONS HAVE BEEN STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO VERY LOW DURING THE REMAINDER OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS GENERALLY BEEN AT MAJOR STORM LEVELS FOR THE PAST EIGHT HOURS. INTERMITTENT MAJOR TO MINOR STORM CONDITIONS ARE EXPECTED THROUGH THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 27-29 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 MAR 113

PREDICTED 27-29 MAR 113/112/111

90-DAY MEAN 26 MAR 132

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 25 MAR 03

ESTIMATED AFR/AP 26 MAR 27/38

PREDICTED AFR/AP 27-29 MAR 40/50 - 25/30 - 15/20

SOLTERWARN

BT

HFUS 3 BOU 271500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 086B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICKL ACTIVITY  
ISSUED 1500Z 27 MARCH 1978

IA. SOLAR ACTIVITY WAS AT A VERY LOW LEVEL DURING THE PAST 8  
HOURS. REGION 1047 (S32W17) SHOWED PLAGE FLUCTUATIONS TO  
NEAR FLARE INTENSITY WHILE OTHER REGIONS WERE BASICALLY STABLE.  
A NEW SPOT GROUP MAY BE DEVELOPING NEAR S18E15.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL FOR THE REMAINDER  
OF THE FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD IS DISTURBED. MINOR TO MAJOR  
STORM CONDITIONS HAVE BEEN OBSERVED PERIODICALLY DURING THE PAST  
36 HOURS. CONTINUED DISTRUBED CONDITIONS ARE EXPECTED WITH A  
GRADUAL ABATEMENT BEGINING ON 28 MARCH.

III. EVENT PROBABILITIES 27-29 MAR

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 26 MAR 113

PREDICTED 27-29 MAR 113/112/111

90-DAY MEAN 26 MAR 132

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 25 MAR 03

ESTIMATED AFR/AP 26 MAR 27/38

PREDICTED AFR/AP 27-29 MAR 40/50 - 25/30 - 15/20

SOLTERWARN

BT

HFUS 1 BOU 272200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER 086

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 27 MARCH 1978

IA. SOLAR ACTIVITY HAS BEEN AT A VERY LOW LEVEL FOR THE PAST 24 HOURS. ALL THE DISK REGIONS ARE SMALL, SIMPLE AND APPEAR CAPABLE OF ONLY SUBFLARE ACTIVITY. NO SIGNIFICANT LIMB ACTIVITY HAS BEEN NOTED. SMALL, SHORT LIVED SPOTS ARE EMERGING RANDOMLY.

IB. SOLAR ACTIVITY WILL BE AT A VERY LOW LEVEL FOR THE NEXT 24 HOURS.

II. THE GEOMAGNETIC FIELD IS DISTURBED. ACTIVE TO MINOR STORM LEVELS, WITH PERIODS OF MAJOR STORM LEVELS, HAVE BEEN OBSERVED SINCE 26 MARCH. CONTINUED ACTIVE TO MINOR STORM LEVELS ARE EXPECTED THROUGH 28 MARCH.

III. EVENT PROBABILITIES 28-30 MARCH

CLASS M 05/05/05

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 27 MAR 115

PREDICTED 28-30 MAR 118/120/122

90-DAY MEAN 27 MAR 132

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 26 MAR 39

ESTIMATED AFR/AP 27 MAR 40/61

PREDICTED AFR/AP 28-30 MAR 25/35 - 15/25 - 12/20

SOLTERWARN

BT