

HFUS 3 BOU 110600

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER.CO

SDF NUMBER 070A

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 0600Z 11 MARCH 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THE PAST 8 HOURS. NO SIGNIFICANT
CHANGES HAVE BEEN NOTED IN DISK FEATURES OR ACTIVITY LEVELS.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE WITH REGIONS
1027 (N27 W38), 1028 (N15W07), 1029 (N16E32) AND 1031 (S30 E65)
CAPABLE OF ENERGETIC ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET THE PAST 8 HOURS. GENERALLY
UNSETTLED CONDITIONS ARE EXPECTED.

III. EVENT PROBABILITIES 11 MAR-13 MAR.

CLASS M 80/80/80

CLASS X 10/10/10

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 MAR 180

PREDICTED 11-13 MAR 178/176/174

90-DAY MEAN 10 MAR 126

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 MAR 14

ESTIMATED AFR/AP 10 MAR 13/20

PREDICTED AFR/AP 11-13 MAR 10/14 - 08/12 - 08/10

SOLTERWARN

BT

HFUS 3 BOU 111500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 070-B

JOINT USAF/NOAA SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 1500Z 11 MAR 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THIS ZULU DAY. ONLY SUBFLARES
AND LOW LEVEL CLASS C X-RAY BURSTS HAVE OCCURRED. OPTICAL FLARES
HAVE BEEN REPORTED IN REGIONS 1027 (N27W43), 1028 (N15W12), AND
1031 (S30E60). OPTICAL REPORTS HAVE BEEN LIMITED. APPARENTLY NO
SIGNIFICANT CHANGES HAVE OCCURRED.

IB. SOLAR ACTIVITY IS EXPECTED TO BE LOW TO MODERATE.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO UNSETTLED THIS ZULU
DAY. GENERALLY UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT 24
HOURS.

III. EVENT PROBABILITIES 11 MAR-13 MAR

CLASS M 80/80/80

CLASS X 10/10/10

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 10 MAR 180

PREDICTED 11-13 MAR 178/176/174

90-DAY MEAN 10 MAR 126

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 09 MAR 14

ESTIMATED AFR/AP 10 MAR 13/20

PREDICTED AFR/AP 11-13 MAR 10/14 - 08/12 - 08/10

SOLTERWARN

BT

HFUS 1 BOU 112200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 070

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY
ISSUED 2200Z 11 MAR 1978

IA. SOLAR ACTIVITY HAS BEEN LOW THIS ZULU DAY. ONLY SUBFLARE A/OW
CLASS C EVENTS HAVE OCCURRED. ALL REGIONS ARE STABLE OR SLOWLY DE-
CLINING. REGIONS 1028 (N16W19) AND 1029 (N16E23) HAVE ANOMOLOUS
POLES AROUND THE LARGE LEADERS. REGIONS 1031 (S30E56) AND 1032
(S33E68) ARE INTERRELATED WITH MIXED POLARITIES BUT THE STRUCTURE AND
GRADIENTS ARE NOT CURRENTLY STRONG.

IB. WITHOUT SIGNIFICANT CHANGES IN THE ABOVE REGIONS, SOLAR
ACTIVITY IS EXPECTED TO BE LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN SLIGHTLY UNSETTLED. GENERALLY
UNSETTLED CONDITIONS ARE EXPECTED FOR THE NEXT THREE DAYS.

III. EVENT PROBABILITIES 12 - 14 MAR

CLASS M 40/40/40

CLASS X 05/05/05

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 11 MAR 177

PREDICTED 12 - 14 MAR 175/172/170

90-DAY MEAN 11 MAR 126

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 10 MAR 14

ESTIMATED AFR/AP 11 MAR 07/06

PREDICTED AFR/AP 12 - 14 MAR 09/12 - 07/10 - 10/10

SOLTERWARN

BT