

HFUS 3 BOU 200500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 140A  
JOING AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 20 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. MANILA OBSERVATORY REPORTS  
A NEW REGION WITH A B-TYPE SPOT GROUP NEAR S26W09. OTHER REGIONS  
REMAIN SPOTLESS. NO SIGNIFICANT ACTIVITY HAS BEEN REPORTED DURING THE  
PAST 8 HOURS.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET. QUIET TO UNSETTLED  
CONDITIONS ARE EXPECTED, BECOMING INCREASINGLY UNSETTLED BY 22  
MAY.

III. EVENT PROBABILITIES 20-22 MAY

CLASS M	01/01/01
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	19 MAY 80
PREDICTED	20-22 MAY 80/79/79
90-DAY MEAN	19 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	18 MAY 09
ESTIMATED AFR/AP	17 MAY 05/04
PREDICTED AFR/AP	10-22 MAY 07/07 - 10/10 - 12/12

SOLTERWARN  
BT

HFUS 3 BOU 201500

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO

SDF NUMBER 140-B

JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 20 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW. MANILIA OBSERVATORY REPORTS  
SIX SPOTS IN A B-TYPE CONFIGURATION ARE NOW VISIBLE IN REGION  
823 (S26W16). LIMBS AND DISK APPEAR QUIET AND STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO REMAIN VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET TO SLIGHTLY UNSETLED.  
AND IS EXPECTED TO BE QUIET TO UNSETLED DURING THE NEXT PERIOD.

III. EVENT PROBABILITIES 20-22 MAY

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF - GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 19 MAY 80

PREDICTED 20-22 MAY 80/79/79

90-DAY MEAN 19 MAY 78

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 18 MAY 09

ESTIMATED AFR/AP 19 MAY 05/04

PREDICTED AFR/AP 20-22 MAY 07/07 - 10/10 - 12/12

SOLTERWARN

BT

HFUS 1 BOU 202200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 140  
JOINT AFGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 20 MAY 1977

IA. SOLAR ACTIVITY HAS BEEN VERY LOW WITH SLOW GROWTH OF REGION 823 (S26W19) BEING THE DOMINANT DISK FEATURE DURING THE PAST 24 HOURS. REGION 821 (N22W03) HAS PRODUCED OCCASIONAL POINT BRIGHTENINGS. REGION 817 (S23W71) IS SPOTLESS.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW WITH ONLY SLIGHT CHANCE OF SUBFLARE ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN GENERALLY UNSETLED DURING THE PAST 24 HOURS. THE FIELD IS EXPECTED TO BE UNSETLED TO SLIGHTLY ACTIVE DURING THE NEXT 48 HOURS AND THEREAFTER BECOME GENERALLY QUIET.

III. EVENT PROBABILITIES 21-23 MAY

CLASS M	03/01/01
CLASS X	01/01/01
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	20 MAY 079
PREDICTED	21-23 MAY 79/78/78
90-DAY MEAN	20 MAY 078

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	19 MAY 04
ESTIMATED AFR/AP	20 MAY 9/8
PREDICTED AFR/AP	21-23 MAY 12/12 - 12/12 - 7/7
SOLTERWARN	
BT	