

HFUS 1 BOU 140500  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 135A  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0500Z 14 MAY 1976

IA. SOLAR ACTIVITY HAS BEEN VERY LOW DURING THE PAST 8 HOURS.  
THE DISK AND LIMBS APPEAR TO BE STABLE AND QUIET.

IB. SOLAR ACTIVITY IS EXPECTED TO BE VERY LOW.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET DURING THE PAST 8 HOURS.  
THE FIELD IS EXPECTED TO BE QUIET THROUGH THE FORECAST PERIOD  
WITH AN OCCASIONAL PERIOD OF UNSETTLED CONDITIONS.

III. EVENT PROBABILITIES 14-16 MAY

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

IV. OTTAWA 10.7 CM FLUX

OBSERVED	13 MAY 72
PREDICTED	14-16 MAY 72/73/73
90-DAY MEAN	13 MAY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	12 MAY 07
ESTIMATED AFR/AP	13 MAY 05/07
PREDICTED AFR/AP	14-16 MAY 15/07 - 05/07 - 05/07

SOLTERWARN  
BT

HFUS 1 BOU 141430  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLORADO  
SDF NUMBER 135-B  
JOINT AFGWC/SESC SECONDARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 1500Z 14 MAY 1976

IA. SOLAR ACTIVITY HAS CONTINUED VERY LOW. NO SIGNIFICANT CHANGES HAVE BEEN REPORTED IN THE ACTIVE REGIONS. TWO NEW EMERGING REGIONS HAVE APPEARED AT N08E13 AND N26E23.

IB. NO INCREASE IN ACTIVITY IS EXPECTED THIS FORECAST PERIOD.

II. THE GEOMAGNETIC FIELD HAS BEEN QUIET FOR THE PAST 12 HOURS. QUIET CONDITIONS ARE EXPECTED THROUGHOUT THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 14-16 MAY

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

IV. OTTAWA 10.7 CM FLUX

OBSERVED	13 MAY 72
PREDICTED	14-16 MAY 72/73/73
90-DAY MEAN	13 MAY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	12 MAY 07
ESTIMATED AFR/AP	13 MAY 05/07
PREDICTED AFR/AP	14-16 MAY 15/07 - 05/07 - 05/07
SOLTERWARN	
BT	

HFUS 1 BOU 142200  
FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER, CO  
SDF NUMBER 135  
JOINT AEGWC/SESC PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 14 MAY 1976

IA. SOLAR ACTIVITY CONTINUES VERY LOW. MINOR SPOT GROWTH HAS OCCURRED IN THE PAST 6 HOURS IN REGION 707 (S09E60). THE GROUP IS STILL A SMALL TYPE B. A SMALL PLAGE WITH A SINGLE SPOT (REGION 708) HAS EMERGED AT N10E05. THREE ADDITIONAL NEW REGIONS WITHOUT SPOTS GIVE AN IMPRESSION OF A SUBTLE RISE IN SOLAR ACTIVITY. REGION 704 HAS CROSSED THE SOLAR EQUATOR AT W42. IT IS UNUSUAL TO OBSERVE SUCH OBVIOUS LATITUDE CHANGES IN LARGE SUNSPOTS. ITS INITIAL LATITUDE WAS N03. THE ROTATION RATE DERIVED FROM THIS SPOT IS ABOVE NORMAL. THE POLAR CROWN FILAMENT NEAR THE SOUTH POLE AT THIS LONGITUDE IS ROTATING SLOWER THAN NORMAL. THE SHEAR ZONE BETWEEN THESE FEATURES MIGHT BECOME ACTIVE DURING THE NEXT TWO MONTHS.

IB. ACTIVITY MAY INCREASE LATE ON 16 MAY AS REGION 700 BEGINS ITS RETURN TO EAST LIMB AT S10.

II. THE GEOMAGNETIC FIELD HAS BEEN VERY QUIET. VERY QUIET CONDITIONS ARE EXPECTED THROUGHOUT THIS FORECAST PERIOD.

III. EVENT PROBABILITIES 15-17 MAY

CLASS M	01/10/30
CLASS X	01/01/05
PROTON	01/01/01
PCAF	GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED	14 MAY 73
PREDICTED	15-17 MAY 75/77/80
90-DAY MEAN	14 MAY 75

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG	13 MAY 06
ESTIMATED AFR/AP	14 MAY 04/04
PREDICTED AFR/AP	15-17 MAY 04/07 - 04/07 - 04/05
SOLTERWARN	
BT	