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PTTUZYUW RUWTGPA0536 2180200-UUCC--RCCPUFA.  
ZNR UUUC  
P 060200Z AUG 79  
FM SPACE ENVIRONMENT SERVICES CENTER BOULDER, COLO  
TO J.H.RUSKA/MAGNETIC OBS/DEPT ENERGY, MINES & RESOURCES OTTAWA CAN  
OMSES  
BT  
UNCLAS  
27 DAY FORECAST OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 0201Z 06 AUGUST 1979  
SOLAR ACTIVITY IS FORECAST TO BE MODERATE FROM 10-15 AUGUST AND  
FROM 23-28 AUGUST. LOW TO SLIGHTLY MODERATE ACTIVITY IS FORECAST  
FOR THE REST OF THE PERIOD.  
THE GEOMAGNETIC FIELD IS EXPECTED TO BE ACTIVE FROM 9-11 AUGUST.  
QUIET CONDITIONS ARE FORECAST ON 21-22 AUGUST. MOSTLY UNSETLED  
CONDITIONS SHOULD PREVAIL OVER THE REMAINDER OF THE INTERVAL.  
SOLTERWARN  
BT  
#0536

NNNN

HFUS 1 BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO  
SDF NUMBER **218**

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 06 AUGUST 1979

IA. SOLAR ACTIVITY HAS BEEN LOW. ONLY AN OCCASIONAL SMALL CLASS "C" X-RAY BURST BEING OBSERVED. THE VISIBLE DISK FEATURES HAVE NOT CHANGED MUCH ALTHOUGH SEVERAL SMALL REGIONS HAVE DEVELOPED. THE MOST SIGNIFICANT OF THESE IS REGION 1913 (S16W35) WHICH DEVELOPED AND GREW RAPIDLY FOR SEVERAL HOURS. REGION 1913 HAS AN AFS, IS FLUCTUATING IN BRIGHTNESS AND IS A TYPE C SPOT WITH A BETA MAGNETIC CLASS. THE OTHER DISK FEATURES ARE FAIRLY STABLE.

IB. SOLAR ACTIVITY SHOULD REMAIN BASICALLY LOW. ISOLATED CLASS "M" ACTIVITY IS POSSIBLE.

II. THE GEOMAGNETIC FIELD WAS ACTIVE MOST OF THIS ZULU DAY. ACTIVE CONDITIONS SHOULD DOMINATE NIGHTTIME HOURS WITH UNSETLED CONDITIONS IN DAYLIGHT AREAS FOR THE NEXT 24 HOURS.

III. EVENT PROBABILITIES 07 AUGUST - 09 AUGUST

CLASS M            30/30/30

CLASS X            01/01/01

PROTON            01/01/01

PCAF              GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED            06 AUGUST 145

PREDICTED          07-09 AUGUST 14.6/14.7/14.7

90-DAY MEAN        06 AUGUST 169

V. GEOMAGNETIC INDICES

OBSERVED FREDERICKSBURG 05 AUGUST 09

ESTIMATED AFR/AP    06 AUGUST 18/18

PREDICTED AFR/AP    07-09 AUGUST 14/20 - 10/10 - 12/16

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