

TVZCZCGPA536

PTTUZYUW RUWIGPA0536 2180200-UJCC--RCCPUFA.

ZNR UJCC

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 UNSETTLED CONDITIONS SHOULD PREVAIL OVER THE REMAINDER OF THE INTERVAL.

SOLTERWARN

BT

#0536

NNNN

HFUS I BOU 062200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER [REDACTED] 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 UNSETTLED 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 146/147/147

90-DAY MEAN 06 AUGUST 169

V. GEOMAGNETIC A 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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