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HFUS 1 BOU 142200

FROM SPACE ENVIRONMENT SERVICES CENTER BOULDER COLO

SDF NUMBER 135

JOINT USAF/NOAA PRIMARY REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY  
ISSUED 2200Z 14 MAY 1980

IA. SOLAR ACTIVITY HAS BECOME MODERATE OVER THE LAST 24 HOURS.  
A NEW REGION 2456 (S13E73) HAS APPEARED. IT IS A RETURN OF OLD  
REGION 2396, AND PRODUCED A M2/1B FLARE AT 1258 UT. REGION 2438  
(S16W22) BECAME ACTIVE TODAY AND PRODUCED AN M1/2N FLARE AT  
1924 UT. REGION 2453 (N39W20) HAS GROWN. TWO ADDITIONAL NEW  
SPOTTED REGIONS WERE NUMBERED, REGIONS 2454 (S26W05) AND 2455  
(N16E60). OTHER REGIONS APPEAR STABLE.

IB. SOLAR ACTIVITY IS EXPECTED TO BE MODERATE DURING THE NEXT  
24 HOURS. CONTRIBUTIONS TO SOLAR ACTIVITY ARE MOST LIKELY FROM  
REGIONS 2438 AND 2356. REGION 2452 (S08E36) ALSO APPEARS  
CAPABLE OF ACTIVITY.

II. THE GEOMAGNETIC FIELD HAS BEEN UNSETTLED. IT IS EXPECTED  
TO REMAIN UNSETTLED FOR ANOTHER 24 HOURS.

III. EVENT PROBABILITIES 15 MAY - 17 MAY

CLASS M 70/70/70

CLASS X 05/05/05

PROTON 05/05/05

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 14 MAY 199

PREDICTED 15-17 MAY 205/210/212

90-DAY MEAN 14 MAY 189

V. GEOMAGNETIC A INDICES

OBSERVED FREDERICKSBURG 13 MAY 12

ESTIMATED AFR/AP 14 MAY 12/24

PREDICTED AFR/AP 15-17 MAY 10/15 - 08/10 - 06/10

SOLTERWARN

BT