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 HFUS 1 BOU 221300
 FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
 SDF NUMBER 234A
 JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
 ISSUED 1300Z 22 AUG 1982
 IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM
 21/1200Z TO 22/1200Z: SOLAR ACTIVITY HAS BEEN LOW. REGION
 3870(N14E46) HAS BEEN THE SOURCE OF ALL ACTIVITY DURING THE
 PERIOD. PRINCIPLE FLARES FOR THE PERIOD WERE A C3/SN AT
 21/1330Z AND ADDITIONAL SN FLARES AT 22/0435Z, 0641Z AND 0833Z.
 THIS REGION HAS EXHIBITED GROWTH IN RECENT HOURS. REMAINING
 REGIONS APPEAR STABLE. REGION 3870 APPEARS CAPABLE OF
 CONTINUING LOW LEVEL ACTIVITY AND MINOR CONTRIBUTIONS ARE ALSO
 POSSIBLE FROM REGIONS 3862(N26W19), AND 3867(S12E22).
 IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY SHOULD REMAIN LOW.
 M CLASS ACTIVITY IS AN UNLIKELY POSSIBILITY FROM REGION 3867.
 II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS
 BEEN ACTIVE. THE FIELD SHOULD BE GENERALLY UNSETTLED SHOWING A
 DOWNWARD TREND FOR THE FORECAST PERIOD. BRIEF ACTIVE LEVELS
 ARE POSSIBLE EARLY IN THE PERIOD.
 III. EVENT PROBABILITIES 23 AUG-25 AUG
 CLASS M 20/20/20
 CLASS X 01/01/01
 PROTON 01/01/01
 PCAF GREEN
 IV. TTTAWA 10.7 CM FLUX
 OBSERVED 21 AUG 136
 ESTIMATED 22 AUG 130
 PREDICTED 23 AUG-25 AUG 125/120/120
 90 DAY MEAN 21 AUG 167
 V. GEOMAGNETIC A INDICES
 OBSERVED AFR 20 AUG 014 AP 21 AUG 014
 ESTIMATED AFR 21 AUG 016 AFR/AP 22 AUG 014/015
 PREDICTED AFR/AP 23 AUG-25 AUG 014/015-012/010-010/010
 SOLTERWARN
 BT

HXUS BOU 221300
 PREDM C2023 02024 02025
 PREDX 00123 00124 00125
 PREDP 00123 00124 00125
 PCAFT 00123
 TENCN 12523 12024 12025
 AFRED 01423 01224 01025
 AFAPF 01523 01024 01025
 KKK 33333 32333 33332
 BT
 NNNNZSV
 III

HFUS 3 BOU 222200Z

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO
SDF NUMBER 234B

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.
ISSUED 2200Z 22 AUG 1982

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM
22/1200Z TO 22/2100Z: SOLAR ACTIVITY HAS CONTINUED LOW DURING
THIS PERIOD. ONLY VERY SMALL XRAY EVENTS HAVE BEEN OBSERVED.
REGION 3870 (N15E40) IS REPORTED TO HAVE A STRONG ARCH FILAMENT
SYSTEM HOWEVER LITTLE REAL GROWTH HAS BEEN REPORTED. NEW REGION
TODAY IS A SMALL A TYPE 3872 (S09W36). REST OF THE DISK AND
LIMBS REPORTED STABLE OR LITTLE CHANGED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO
CONTINUE AT A LOW LEVEL DURING THIS FORECAST PERIOD.

II. GEOPHYSICAL SUMMARY AND FORECAST: THE GEOMAGNETIC FIELD HAS
BEEN ACTIVE. THE FIELD IS EXPECTED TO EXHIBIT A TREND TOWARD
UNSETTLED CONDITIONS DURING THE FORECAST PERIOD.

III. EVENT PROBABILITIES 23 AUG-25 AUG

CLASS M 20/20/20

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

IV. OTTAWA 10.7 CM FLUX

OBSERVED 22 AUG 136

PREDICTED 23 AUG-25 AUG 132/128/125

90 DAY MEAN 22 AUG 167

V. GEOMAGNETIC A INDICES

OBSERVED AFR/AP 21 AUG 016/014

ESTIMATED AFR/AP 22 AUG 017/019

PREDICTED AFR/AP 23 AUG-25 AUG 014/015-012/010-010/010

SOLTERWARN

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