

SESC Solar Summary and Forecast - For Joe Hirman

Begin: 02/21/87 00:00:00

End : 02/21/87 23:59:00

02/21 22:00

2235

HFUS3 BOU 212200

FROM SPACE ENVIRONMENT SERVICES CENTER BOU 212130 RTD
JOINT USAF/NOAA DATA ACQUISITION REPORT

ISSUED 2130Z 21 FEB 1987

I. DATA COLLECTION REQUIREMENTS FOR 22 FEB 1987

HSTRY: 4772

RGANL: 4772

MAG MAPS: NONE

H-ALPHA FILM: FILM PATROL MODE 2

II. ANTICIPATED SPECIAL SUPPORT FOR 22 FEB TO 24 FEB

CONTINUE FPM 2

III. SPECIAL DATA DISPOSITION INSTRUCTIONS:

PLEASE SEND PROCESSED AND SPLICED H-ALPHA FILM TO:

SMM CHIEF OBSERVER

CODE 602.6

GODDARD SPACE FLIGHT CENTER

GREENBELT MD 20771-0001

NN

<003>

02/21 22:00

2245

HFUS3 BOU 212200 COR

FROM SPACE ENVIRONMENT SERVICES CENTER, BOULDER, COLORADO

SDF NUMBER 052

JOINT USAF/NOAA REPORT OF SOLAR AND GEOPHYSICAL ACTIVITY.

ISSUED 2200Z 21 FEB 1987

IA. ANALYSIS OF SOLAR ACTIVE REGIONS AND ACTIVITY FROM 20/2100Z
TO 21/2100Z: SOLAR ACTIVITY HAS BEEN VERY LOW. THE DISK WAS
SPOTLESS. NO NEW REGION WAS ASSIGNED.

IB. SOLAR ACTIVITY FORECAST: SOLAR ACTIVITY IS EXPECTED TO BE
VERY LOW.

IIA. GEOPHYSICAL ACTIVITY SUMMARY FROM 20/2100Z TO 21/2100Z:
THE GEOMAGNETIC FIELD HAS BEEN GENERALLY ACTIVE. MINOR STORM
CONDITIONS OCCURRED AT HIGH LATITUDES MIDWAY THROUGH THE
PERIOD. THIS MINOR ACTIVITY WAS THE RECOVERY PHASE OF THE
DISTURBANCE THAT PEAKED MIDWAY THROUGH 20 FEB. THIS DIS-
TURBANCE WAS POSSIBLY THE RESULT OF AN EXTENSION OF
THE SOUTH POLAR CORONAL HOLE CROWN THAT PASSED CENTRAL
MERIDIAN LATE ON 16 FEB TO EARLY ON 17 FEB 87.

IB. GEOPHYSICAL ACTIVITY FORECAST: THE GEOMAGNETIC FIELD IS
EXPECTED TO BE GENERALLY UNSETTLED TO ACTIVE.

III. EVENT PROBABILITIES 22 FEB-24 FEB

CLASS M 01/01/01

CLASS X 01/01/01

PROTON 01/01/01

PCAF GREEN

OTTAWA 10.7 CM FLUX
OBSERVED 21 FEB 072
PREDICTED 22 FEB-24 FEB 072/072/072
90 DAY MEAN 21 FEB 072
V. GEOMAGNETIC A INDICES
OBSERVED AFR/AP 20 FEB 024/029
ESTIMATED AFR/AP 21 FEB 015/020
PREDICTED AFR/AP 22 FEB-24 FEB 010/015-008/012-014/016

NNNN

<003>